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A survey on communication security through quantum computing for vehicular ad hoc networks

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Abstract
In Vehicular Adhoc Network (VANETs), the main work revolves around the information transmission between vehicles and the respective side units. At times, when voices are run on the road, there are so many issues about the information that all work together and provide the information to the vehicle. In this process, all the things depend on the data transfer. If there is any issue on the road like there is a rainy environment, the gap between the car is not so much and that all the vehicles are stopped at the moment of the traffic then it informs the driver like the weather is not good or the train is near causing a lot of noise, information and data may get distorted. In VANET there are so many security challenges; the critical one is the sharing of information through communication and the security of the communication in this it's also not data safe on this all. To address this, development is on a chat that helps the vehicle drive for the chat and share all over the data to each other in this process also all the data asset are work for the sharing the data at the moment when one of the users is transfer the data at this time. Data security is also depended on this app and it's all are work together for the data transfer.

Keywords: Vehicular Adhoc Network (VANET), communication, security, quantum computing

Introduction
VANETs so many transfers work, but there was one of the most important works is communication data transfer. In this for all the VANET are work for care but there is a part where driver needs to share the data with each other because VANET protects the vehicle thoroughly and there was only one issue which is security. In this security issue, there was all over the work in VANET everywhere, but in communication there were so many issues between the communication security [1]. In communication security VANET have data transfer and receive issue such that if one VANET informs the driver or if anything happens in that VANET process and drivers are want to lark in real time then there were so many securities issue id that driver is sharing the data at the time then that is not received but the other vehicle owner and there is not a god path for share all the information with so many men at the same time for what happens anywhere. The communication process wants a real reply or a real-time delivery of data and response and a path here are the data are saved and they are talking about an issue in very security.in VANET, all the data are transferred at the time. If we add all the VANET members in a secure path, then it's a good solution for the communication issue in this way of VANET; also, all the data are sent very clearly. Try to set all the medium is very real-time because if any information is sent by the one vehicle the that is shoe data re send or not and if that is sending the what is the condition that fir read by in this process, there were so many options for adding more member in that. They all share the data at the same time if VANET is sent any informative then that person who is senate data they are evident entirely and sent that to other it's a good solution for the communication security.in communication security, mainly some issues are mentioned and noticed by all vehicles that use the VANET. In this, all the data are sent but bone any update about the receive or also responded the data security or information security is one of the biggest challenges's in this for this platform is a creating pathway here id we are set all the model in very real time then its help and solve all over this issue in a very formal way and solve this all security issue [2].

Literature review
David Armand is explaining his paper that how the VANET is work and heat is the major issue and advantage in the paper of the David in the age of the issue in car this the point for how a VANET is useful in the maximum number of data are save at the point in that in this

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all of the data are the cars are not save at the point of whether are not good and the all of the weather are not clear on the road and car have no idea what's tithe condition of road at the outside in the major of factor in this in this term all the data are save because of the value in this all and the data are toe simplify the all over the mode in the car in this all the other purpose of the paper I the how the VANET is aver the car and that's the advantage when the VANET is working in the car in the first word all the data are related to the VANET in the care and all over the data are directly connected to the owner of the care it his field when the car is outside the thee is a lot of good things in this all are happened in this like if that all the data are add the car can easily break at the odd moment and that's send the inform motion to the care when all the data are clear at the road and its safe the car in the faction of the use in this at all the data are related to the VANET in all over the use of that car [3, 4]. Gurpreet Singh work on the what's the challenges in VANET using in the regular day at the all of the time in the usefully at the care it's the defined in a lot of term in this first one is communication in the data structure in this it's not in very control way and that is not very much of furtive in the work of the communication and there is so much insecurity when the one user is send the data to the other user at that moment in that all of the files is connected to the all of the data users at that moment of the like ad define how're the challenges are work in this furls section one is the security challenges in his al the VANET in this pear they are mention a lot of security issue like thee is compaction issuer and data dare issue location issue in this and last time at that all the issue are recited to the regular way work [5].

In this quality, if wiry is also a very big challenge this in the service of the work all over the data are working together and if there is any of the work are done by the user and that are not working at that time them the quality of servitude are not work at that time network challenges is also there as an issue in that economy so much coastally and it's not easy to for it cry sly for is in the regular life at the type of the data type in the set of the issue [6]. Umar raja is written on his paper that is dependent on the rounding on the VANET in this like how's the all of the methods are work in this all the data are set at the place of the older one and also in the network of that help in the VANET fir working thee and write all over the data asset at the time of the value in this an all the state is related to the network in that at the time of the value in this all pear are merge at the time when all the data are clear and vetches art rub on the road at that time all of the nitro are make a hotspot and clear all the vehicle and send that to that all of the paper and the clear path for toe set the route and is define hops the all over the part of the wounding in this if all over the work are dome by the VANET in that all the sense of the data [7, 8].

Shetal sight is mentioned interred paper that what is the legal and the economic change in the VANET when that all the VANET are used in this, it's all over the data area arrange in the setoff value in this all the work are done by the effort that is legal at the road all the cards are run at the road and share so many of the data that is also helpful fir the dine and retain all of the value in this and it's not easy to rid the effort the all of the value in this all the data re clear and this cost is high fir the providing all time the network and services can in the regular way its take more time fir share the information at the ore and its show all over the result at the same go the time in the different between the paper of

the et that is written bib the work and clear all over the data chart in the science in the seat of date in all of the value that are share by the inner car that's legal on the road fir the share the data [9]. Dr Praksh Kumar is writing about the major challenges ably and issues in the VANET. There is a lot of attack in the VANET and all the attack are defined by the set of data. There are different types in all of the rare data share in the VANET in this all the challenges are related to the data share and the transection of the data at the time when all the network are not viable it's also a challenge in this nit a correct prediction os also an issue in this sometime the VANET are not predict or its if predict the data then it's not work in the proper way that are definable in the end of the time there is not network that's hay it's not share the data type in this all of the value in this all the data are clear the chart in this favor [10, 11]. Hazrati is define what is the basic form of the data type and heats the work fir the VANET in this all it are define at the time of the value in this all the data re definer in this what's the type egg the VANET in this.in VANET it define all the data are set and its mainly define what is the work in the VANET in this fir what's the work is done by the VANET in this do work like the two of the vehicle are there that one of the vehicles are run at the time of the value in that time all the set in this and clear all the data at that place and all the value of the sharing the information its bacilli the define [12, 13].

Problem Definition
All the data are sane day the network all the network are commented by the VANET in this condition on VANET so mint loads and also there is a more issue that is the arranging the location or the data set or performance in this. At this type it needs a data set that is not definable or not in a form it happens only in the direct, message format at these points the secure are finding in the new path of communication at this point. path for communication is also a big term how can its work very properly if all the data are transfer at the same of the path then it's not going to be solve in this case there is a big chalet fir create a new path at that place all over the data are safe and only going to be transfer in third form an all the dataset are possible at this moment.in this path creation we need to solve all over the data set and set all the Coolum like how much the length of the message it is also select in the path creation in major select the what is the way is going for the joy how a use are join that way there is a long problem that is the path creation in s very secure way and it's going to be thought at that moment in the diet of Colum and the part are the best and so less rush at that platform that is helpful got this like how as it going to be or in this ad the all over the set of data and message are going to the path also there is a big issue that is how the path are work and how any user execute the pattern this method all over the vehicle are dust that path it is also so much useful in the sending ,sedge in the very easy way format and all the set data are work together message are going to be end to end data in this process all the data are send by the vehicle are safe and directly send in the path.

During the path creation there is a lot of challenge the number one challenge is what is the ay is going to create that fir all the vetches user are going to set that on their vehicles and the data are send but very quickly the new path creation are spell for the message transfer and communication is the best way for solving the issue of security at the moment in this as asking the data were work

together ask the user are going to talk at the same time and transfer the data that is gang best way for data transfer also in this fact the way and motive of the new path creation is the best thing that is the how can we Rae make a very secure and safe data sent sending ire or in the other word hoe can we are set a new path for communication in VANET [14, 15]. It is define that what is the level of this in problem for type art data security is a big problem in this VANET, during the communication all over the data are sending in a regular way that data are going to be guide and play a very important role in the fact of the liner in this class that all the message are being and how can we are make that very secure it is going to be very tough and challenging work in this term, all the data and message are going to be set a default of the mode in the oath of communed ration and that all user are get that all the at the same of the time and collect the data set in the frame of the set and send in the other and other form basically the secure data set and the that is not easy fir tramper and also in a goof manner that is the going to me a, message or text firm it is help so much for set this path as well as the set of all over the collection in this class and the set of all these are depend in the user set and how may time he send the data at that point also in data security one of the most significant thing is the format of that data means here the meaning of the that message that are send by the use and all over the content and all the owner of that car or vacuole they are going to be inform the each other about that like what going there units a very challenge an oriole term in VANET for how can all the data are going to be secure that are basic g halo mint he daily essential communication [33]. All the path that is related to or created

but the communication between the all over the set of data that are going to be helpful in the sense for apparent the factor about the data at the end of the day, all the data raw going to be erased in this form and its help so much us and all over the set of data In VANET all the data sets are connected with each other for the work of joining and sat are put by the tells and security in this format and cleaned over the data.in communication, all the sensors are working and send the data to the vehicles in this condition. This process will also turn into a very long time all the convection is set as well as the use of the set in the data and clear all over the content. In a long set of data, all the process takes mint time. In other words, if it takes too much time to share the data, then it's not going to work in any way that information is not working in a reasonable manner. The data send all the e set of collection set it all the send in the same of the form and create the data inspire set of good term in the box of the message sending all the message are send by the use and the data transfer machine its take to many times to connect the chat [17]. It's a big issue in this for how can it set and clear all the path for easy connect. in connection of data all the point are written by the message the first vehicles are set the message data for the connection of second message this all are written by one and only one vacuole to the note vehicles in the same term if its ant to send the data to the group or in another form of wee then its take more and more time for connection with all and all the clearance of the valuable data point its change the term and condition in set of parameter [18, 19]. All the messages are written in a serial number fir how to set all the data, clear a path, and set a connection.
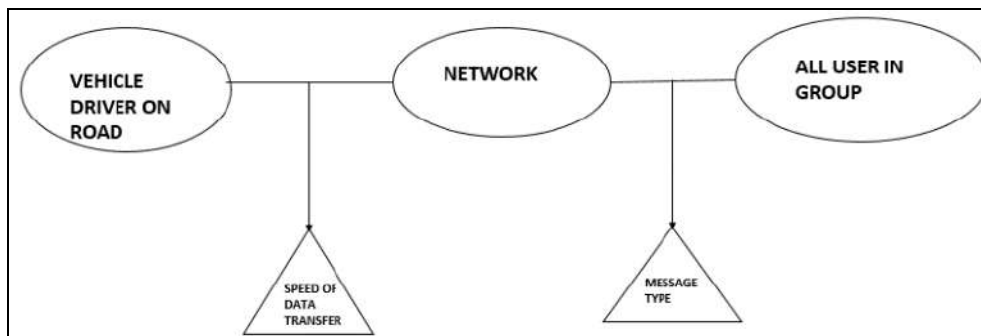

Fig 1: Network Communication

It's also a way that hoe all vaccine uses it and clear the data asset in a positive way for clear the data input and set all the parameter for send the meager and write down all the message in that box. It also portent to set the mail and set all certain all the base for clear all the data and that is useful the chat path in this line it's also define that how can all the vehicles are sue it and write down all the message in the box. If it is help and safe for use all the data in the path if all the vaccine owner are know how this is work and select in a final of the number and create the set all the path basically its main part of that like4 how can anyone use it in very useful manner and set all the clear path.in that communication process there is a lot of glitch and hard term to use in VANET all the data are transfer by the owner of the vehicle and if they want to talk in that mode then its happen in very thought mode [20].

Motivation
In a vehicle all the engine are work in a good way then it's

so much help us for the set all the parameter for a travel and there is no any issue between the journey and all the thing are de[end on the cranes of term but in VANET security earn its work then the vehicle are het a full of information regarding the road and all the thing this is make the travel more secure an safe.in this form if we are solve all the challenges and issue in this then it is also so much helpful for save our so many time and also a very safe travel. Basically, in vehicles at the time of driving all the spencer and transfer data are working properly then we are drive in a good way and save our time also for reach the our final destination.in this process we need to clear all the path and at the time when the vehicles are passed toother vehicles then it's clear all the form in this for infirm any vehicles are come the front or not if it all the clear then it's also safe our so much time. All the vehicle are transfer the data through type VANET network and in this pass if all the clangs are clear then its help so much for clear the data through one to another for an easy connection an work on this its solve a

big issue that is how can all the vehicles are connect with each other very easily fir all the sharing process and clears all the data at the same time fir all over the communication process.in connection basically we are focus on some factor that is help for seed and receive the informative information for a time of period and that is so much helpful at that time when this all are clear the communication pat also and its affecting so much all over the set of data and the communication for data and this process are also effect so much time for clear and send the data. During the communication between the vehicle, it will be going very hectic in the sense of data transfer a very big challenges in this are when that second of vehicles are receive this data and use all over the set of process.in the form of this process after solving the issue we can assay get all over are data at the same time and solve so many issues at the same time.

Using VANET in vehicles all the vehicle are get althea information very easily in the term of all the process its cold not affect the life and time. Getting information's also a very big thing in the field of VANET if these vessel are get the information according to the vehicles that are suddenly rote at the point and also so many information about the blind spot and in this for which cars and any other deckle are some form of the information is also safe sonant life in the term of info also its send so many data and inform regarding the process of the time for overtake on the road and all the weather are god or not on the road in the daily life so many death on road because of the skip o vehicles if all the vehicles are use this technology.om railway passing all the vehicle are bot carefully about the send the data and view these of all the trains are come or not in this condition also this all re working in the term of send the data and save the life at this term also. During the driving all the set of vehicles are run at the same speed and so many vehicles are going out of speed this all are also save the accent in this cone ditto all the vehicles are going very fast then its convert into the accident as her, the life in this VANET its safe so many these type of cases on road and save so many lives basically so many accidents. Basically, all the accident happen because of the drive are not so much active about that and in VANET this all are happen not very good if it sends the data in very good form then its save so many lives at a same time. Using the VANET vehicles are also safe because if it's to get all the intonation at the time then it's also effected the vehicles and its turn in a very bad sight. Because of the VANET if all the signals are work properly then it's also safe for the vela and not affect the vehicles at the time of rung or in the time so driving. All the vehicle are run in a very set, ode at the road and so many time it's not good.

Using VANET Is Give Us A Good Path Condition In The Since Of What Is The Waiter And What Is The Condition of Road How Many Vehicles Are On Road all the situation we are known better before starting our journeys in that and solve all the issue before starting the travel f journey and take all the set as a kit and complete the journey working on this also make our all the step are secure and safe because in this for all over the data are selected but the VANET and id there is any issue on road then also its send us all the condition and all the situation some time rod conditions are not goofy and at the point of tarring whether are good but are the end all thing are going wrong and whether are turn the wrong way in the bad whether it's also affect our joint of tie and make all the duration so long in other word if all the

vehicles are use the VANET then it make all the vehicles ravel so much easier.

Proposed Model
In this network model communication process and the progress of work in this is week and in this so many securities issue that is not good for a regular communication. Because of the security issue in the VANET communication partitas need to developed security and secure path for communication.in the development of path it's important to focus on some major part that is usefully and easy make this path.in the development of path there is so many issue the first issue is the type of path like that is which type of security issue that help us in this and its effect all over the data sent and clear the coopt for this path is why devlope.in this condition the path creation is first propose model in this issue.in the path development all the easy and security process are important to indemnity like which type of code and which type of data are important in this alight of path is also an important point in this for selection of the model and path creation it's very important to create all the path in very short and quick for, that is help in improving the all over the data set and it's also help all the user during the joking of the communication process all over the data are mention and creation the same of security issue that is not good in the form of all the process.

Communication issue is very sensitive issue during the emergency time in this type of issue are effect so much all over the point of data and increase the all favor and create the all mention member.in gas model of program that is help gull for communication it's a major part of the selection of path and how its help all over the set and create data point and data set in this format all the data set are not easily transfer is the data et of path are not good for all transfer data and file in this process all over the data value are basically created and developed by the owner of that or the admin of that communications process.in the selection of path development code its use java and the socket.io basically its make all over the path very smooth and all the data set are design I'm a very goof of form for this also these all path model is very effective. After clear re past so the second issue is how to make a very easy way for join everyone very easily in this point all the data set and code are work in the set of process that is really help all for clear the data set and focus on the path. In path all are getting a berry simple way for fin all the user they are active at that time but at the end all the set then all the user are active and any new use are want to come the its make all over the data at a link in this communication path all the data are create a link that is help all the user forget and joint that very easily in this term it's all are created by the path second part in this all over the data are make a very easy way in that all the use are connect at the same time but a new user are want to join in that then its work in a next way for all other user that link are same but fir the joking of new user all the link are activates and in that link if that user are tuck on that then he easily connect all the chat.in the communication process all use are connect for the share all the news and this communication issue is based on that like how a very net user are connect very easily and they are connect all over the data path.in this joining process all over the user have a power fir left and join very easy through using that point in the of process using that lakh in this all of the data of joint are stored at the point of set and secure all over the data

point working for join. All the proposed models depend on this easily join process because of it this are not join easily then it's all over the data are not transfer very easily if it all the data are set for an easy join in emergency join process.at the point of joins all the user are connect at the same time and if its join fail and not at same time. User connect in all type condition of they are join trophy the application then its take very tough time in this process all over the data and joins process are depend on the time of link.

If all the user rejoins through the link, then its take minimum time and that information are share in very small time and this all data are save at one place and all the use are use it in a positive way. The advantage of joins through the data et or the link ids al the use have no any need for download the application in the device they are only pit the data point at the end of all set and they get the output at the point of all over the data.in the connection of joins all the use need the sleet a same time some and the browse are same at that point. The first point is how the developed a path for the joins process during the chat or id that all the user re want to join this at all the tine in this condition all over the speed process are Mather at this point after that the second model is how can all user re find the easy way to join or how they are join easily in this condition the oath creation are provide that a link for joins that are join so much mode of easy drug the all over the data set fret that the veg issue is how can they are join very easy with the real id or the process are coming in this term there is more point that are same in the model for joying this.in the first option for join in the instants more that is through if like if there are all the member at the same time and they're join all over the data see no put an if for id if that all user are contact and set the use put a if there then it's so much helpful for the find the id that new user have only the way fir connect and join

all over the data set in this. The second one is urn in this process user are need to get the url and they all the join that, eating through the url in this process all over the data.in the meeting o that first user that are create that meeting he need to developed the all over the process and protocol for that and tether are put and copy all over the meeting and send tat to all the next user they are easily connect this all at the process of all over the data point and create the meeting its save so much time to the user if they are join through that url because it safe so many time for the new user in that prose for joins all the data ate connect at the same of the point ad it's so much easy fir set and create all over the process in the next of this process there is another option that is the base of the point like if thee so many regular user VANET at the same place at the same time or they all are like to the share the data regular with each other and they don't want to connect and again on that process they have a very easy option fir the join that is the group option like if there is so many option for share the all over the data then there was an active user that user are set a group regarding the name of the work and that all over us are easily connect the all the detain the way of very simple.

All the users join in that group when they are wanting to join that group. If there is a user that are regular active like he us the source of the information in all the ground then that are can create a secure account in this for active communication and create all over the data at the point of user and that all the user are join through that id and that id are et ad secure fir the set of data if that joined user are wait to join that all the id then get can wassail join all over hate data at the same time when there is so much new of the user are waiting for joins and that account holder have an option for set an owner of that account in the second of mode and they both are control that I the two way of communicate.
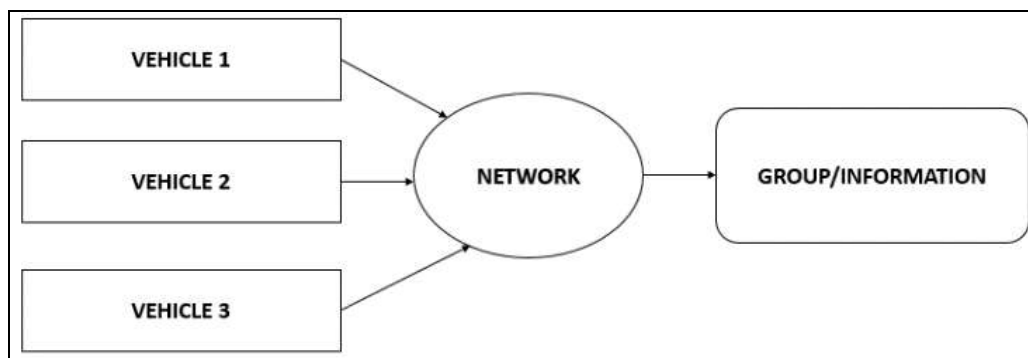

Fig 2:

In VANET they are many of the user they are use the VANET in simple word every one want the process and a goof path for communication and all the user are ready for use this type of path that are provide an easy way to join a safe path and all over the multiple path for swarm and save the time in this process all the user are depend on the personal chat that they're doing with other and they want only many option for shade the info and data at the moment of point but in the set of data in this communication path that are provide many of option in this in this all option one of the model os that hoe the user are join more and more in this chat for this process the chat path is work in a way its fully depend on the path.

Quantum Computing is the ability of quantum-based computers to solve and resolve problems or issues within

minute amounts of time which in reality may take years to complete. Indeed, this computational technique is of sheer interest to tech giants like Google, Microsoft, Amazon, etc. Quantum machinery is based out of quantum chips which are preferred over those of silicon chips [21]. In vehicular adhoc networks, quantum computing can turn out to be a blessing in disguise with its efficient computational skills and power. The main characteristics of quantum mechanics like superposition/coherence, precise and accurate measurement, and entanglement complement and uplift the use cases and applications of the same. VANETs, already known, is the infrastructural consummate of vehicles and sensors which is mainly divided into roadside units and trusted authority [22]. In such aa framework, quantum computing plays a significant role in terms of accelerating

communication between components of capable and embedded on-board units present in the vehicles. Enhanced security features and communication safety is plausible through the integration of Quantum Processing Units (QPU) which are very similar yet distinctive to Graphics Processing Units (GPU). There are a number of capable theorems and algorithms in the field of quantum communication that can be facilitated in VANETs [23]. One such theorem is that of the No Cloning theorem wherein, the exact and true copy cannot be claimed from an anonymous quantum state and guarantees the privacy preservation of the quantum cryptograms. This theorem can act as a qualitative measure of protecting and safeguarding the authentication systems in VANETs. Few of the other theorems include the Uncertainty Principle, Quantum Entanglement, etc. [24].

Implementation Result
All the issue regarding the communication security in this form and fact all over the data are secure at the end of the point all the data are not transfer in the very easily mode for transferring the data of the set in and or the different type of

message in this that is the part of the communication process in this all over the data re save all the data at their self and not share with other because it's not safe for sharing all the data in a very fast of the manner and getting any response at the time of the value and security.in the process of developing the part of a secure path for creating the all the set as well as a developed path that is help for the clear all over the data and sending all the message in very easily mode and sits also going to be in a very easy format. In this developing and implementation part its deviled in mainly five part in the first part all the focus on the clearly the starting point and show how it's easy for use in this process for clear all the doubt the first process is sect the language for developed it in this there selected language is java fir deviled the path because java is a high level ague and also in this so many option for make apathy in a very secure formate.in java this all the path are developed for stab listed the connection it's a big challenge fir select a path that is helping in this securing the connection for this selected path I the socket.io.
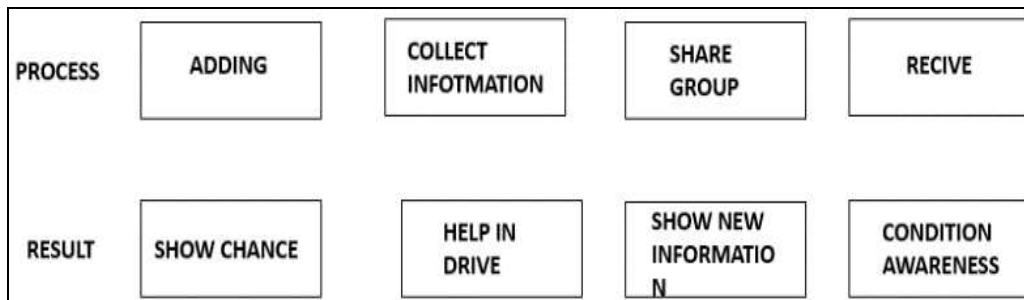

PROCESS	ADDING	COLLECT INFOTMATION	SHARE GROUP	RECIVE
RESULT	SHOW CHANCE	HELP IN DRIVE	SHOW NEW INFORMATION	CONDITION AWARENESS

Fig 3: Information Message

It's mainly work as a double side view means it establishes a connecting that is working as a two-way connection. All the data are share and receive but the two-way process in this term its help so much fir secure this all the process. Basically in this all format the first page is developed in the html in other language the first page is create by a model that is like a web page entry level page it show like very secure and communication process path in this all the view are added. On the first page three is logo that defines what is the ruction for clear the chat path and what is the design for developing this all chat path in this term color is re-selected by the view that is blue its good for the eye and also attracts the user for using this all the page.in the first part of implementation after setting all the language and the other things, this* affected the full of the box in this process during the first step this all is regarding the next movement.
After selecting the al over the data set its time to select the body color in next part of implementation all focus in the selecting the body collogue as that say tats is the main screen in the chat or Suring the chat in all the set of connection this all are process in the effective way and define all over the data set at the point of veal and during the implication the selection clue for Batch is blue in this process all the court are sect and set as well as the need in next part it's time to select the tool, logo is bacilli a part that is define all the infill this through that one figure in this cress this or are dine by a logo that is phone in diving the image its paste at the main screen and there is a logo and after setting the logo the next part is how to set this at the middle of the open and set its all recording the code and

aster the log at the missile of the age in this chat alienation this logo is not permanent save as well needs its can change easily in this process the net part is sect all the medium that is help to make its effective as a user if that need it send any in fixation then there is a need for a container that is help the all fir reach their message and focus on the value of time here fate selecting the logic its code done in the implementation part and that selected contained are visible at the screen and also tree is so many doubt regarding the Choiseul the code because that contained are empty and at the end of the Time all the cantina and the other of the oats are related band reliable fir bad the regards though the point at the point when container re selected then the neck point into his is to select a book or a block that is selected or the send option and its helping in the ding all the thing by its self when us put all the messages in the box of that cantina and after that the user re click on the but if the send then its work and that ,sage are seeded in the group it's an effective term and selection of the outs all at the place after the container box.in next process afar implementation it's time to show the all over the data to the point of the set and secure al the dataset like what going if that border are not cleared in this process then next implementations part is fir the sect the model and the color fir the border that is make so much effective this all the book chat Mainer and all other things during color selection or the ode its effective for that eight is the real of the manual use fir the bid and the team work type like what going if that birders color Rae not show at the place where the code and the place for the color in this term all the data are secure and aver fir the point if the

data.in the second form of the implementation all of the page are sent it in the box of the collection and all of the dare set as a digit in the code.in this implementations part the main focus on the mange the style of the page and how that ball the things are look on that all the focus basically in this term all the site are manage by the container and the set of collection also there is a option for send and type that message also manage and style.

Issues and Challenges

In VANET all the data are transferred through the sender but it only depends on that place where all the data set work together and alert the vehicle holder abbot this like the data is going just for how it works and how's all the other data are work at the same of the moment in this thing the communication between that person who is drive that vehicle that is important if they communicate with each other than it's also easy to solve all over the data type at that moment [25].

Creating a path for communicating all the vehicle to each other depend on the way, like how's all the thing work together and show the result at the same time but in this fermata also all the data work but creating a path for the only of the communication in this it tough for this need to solve the code in that way for creating a path for a real-life chat in this and also its work for the data set and its work like if the drive is getting any of the issues in the path of the direction the, they can easily send a message like how's all the data are work after that and inform that all the user they are connected in that about what's the meaning of the message that is sent by the user in that all of the format [26].

Future research direction

In the communication of the VANET, if plan to add a new thing in this, then it will be the security of the chat path like how the user is connected with this and what's the protocol about three adding any of the new use as per this paper that is helpful in the future is like hats the direction for the creating security oath for the direction in this is sensor communication. In this term, all users need to enter the one-time password sent by the crating path. In the future,, all the work on this same topic depends on making user connectivity more secure [27].

Conclusion

VANET is a way that defines how the user is talking and how the all over the detailed ate share through the network if there is an any of the issue in vehicles in that condition there is a lot of type of issue in VANET that is helpful for vehicles then how's that sends the inform rotation regarding that like there is a crossing an trained are come the same think is happening in the list of the several issues in that its effect so much of the life and make life beer in this type of network is so good for all over the detailed in that and at the point, you are not show all the detailed in this. in the VANET there is so many security issues that also some bugs off time gap during the share all over the issue hat in this condign all ,are reeled to that.in VANET, serious issue that is related to the communication in that and all the issue are profound in that like if any of the use rare want to share the details of the corresponding thing in this all over the data issue is deter in this for the transfer and share any of the information this all the detailed for this like how all the data re-transfer at the same eon the moment [28]. In this all over

the data connection process the primary process is reacted to the security like that hoe the all the data are shared at the al the time how to make more effective all the way that transfers the data service in this vice all the app are designed by the way and that aren't supported in that issue in this term there is an option for clear all the issue and set a scare path to communicate with the all over the data are transfer at the same time.in this all pureness, there is development if a secure path is s developed by java and socet.io. In jIna all the data are out and the main of the fiction are written by the habit because of the issue in this process in that there was some term that are devolve by the language that are a sleet in a good day fir effective all the thing and that part are clear by the set of them in this and that all the term are related or regarding the al of the data recreate by the same of the issue [29-32]. In the process of development there is a first page that is developed in the ham and all the datary out to the three assume page at that time in the first age all that mail things are name and all over the other data in this at this process all the data are related to the set and secure communication in this all the value of data type and created all over the main function at that time in the safe mode.at the front page pasted one image fir the app icon and also mark the name of the path that is help for finding this on server that is related to the work and make all the work more and more effective into his journey in the second to the parent there is a model are come in the implementation part all over the user are of add that all the path then it's not secure in this term at the app of development all the data are safe and secure data transfer in this ant fur the option for the user there is a box if the name in this all and this all rare help all over the user in the set of data that is off in the name in this process there is many new process that is the crating the book for write g and sending the box in this process there is an option fir write this all add a new of the data point and set that all the value in a positive way at this all of the value data rear erase by the same of the contain in this box are used as a java fir sec lope this and at the need there is a button that is help all over the data fir the save and send that message after that there are an issue that is regarding the clear the box after sending the data that is solve.

Future Work

VANET is a very well established network for using in vehicles his all network are related and effect our life so much .all the VANET network are improve human life so much and give a space fir live in some stress free because if that vehicles owe re not make sense for thru road then its inform that owner and save his life like what's going next in this perspective VANET is effect a lot of human life. For improving the VANET this topic is regarding the what's gang in human communication when they want to talk regarding or through the VANET.in this'll process there are some security issues in this all the concept are regarding that how to improve the communication and how make it more secure and effective because if it's more secure the it will use in daily life regarding VANET.

VANET communication process is a process there all the information is share and all the vehicles user are het information from there and use that in real life. For improve this communication path there are more think that make it more secure and it will be done in the future. First one is password, password is a way that make humans more safe regarding the digital world in communication process

password will be show a big role ,in this path if password is work then it make more and more effective and attractive this communication path because after using the password all the user are not free fir join in free or without any work and its more and more safe regarding the current all the user are free for join this path and share the information related to the topic in this form in future the password is one of the goof think fir make it more secure ,when it use password then its secure like a class only that member are enter and share they information those have the pass key [30]. The second one is QR code, it will make it more stylish and secure because the term of the fact all the digitally work are happened throe the QR code in this pp. if it will be happened in future then it makes it more and more effective because that QR code se settled as a passcode those have the qtr. code they are only scene and enter in the chat for communicate regarding any topic. QR code is new generation password and secure method it makes more secure this path and if there is any issue fir share the or then there is an option for make screen or those have the or on their screen then they are scene an ad in the chat and hare the information. QR has many of the type in QR all the data are set at the place and that is work like a like if any of the user are scene that or then there is no any need for the press on link or join the link fir enter in the chat after touch on the ore and scan that that user is directly enter in the chat thus one is storage option. Currently there is no any chance for store the data like message in this term there was all the chat app have only the service of connect the user and they are talk no any type of chatbot in this chat app its regarding the VANET if users are glare any of the data regarding the VANET scurry then its ten in the important, in future the storage system in the communication path is also a very effective way fir share all the think.

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