BANKING CHATBOT USING ARTIFICIAL INTELLIGENCE

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ABSTRACT

An intelligent chatbot will be used to give information or answers to any question asked by the user related to the bank. Our Intelligent system will first take input from bank customer. This input will be taken a voice or written format. According to input, the intelligent system will process the query and give responses to the user. Artificial intelligence is the most important and helpful part of our project. An Intelligent system is automation of activities associated with human thinking, decision making, and problem-solving process. The service provided will be accessible through the generated interface which allows for seamless XML processing; whereby the extensibility improves the lifespan of such a service. By introducing an artificial brain, the web-based bot generates customized user responses, aligned to the desired character. Questions asked to the bot, which will not be understood, are further processed using a third-party expert system, and the response will be archived, improving the artificial brain capabilities for future generation of responses.

Keywords

Chatbots, telecommunication, donation service, ar- tificial intelligence.

EXISTING SYSTEM

Usually, people have to visit the bank to know the entire details about the bank. They have to wait for the banks to respond to their question. This will be a tedious process for the user to know the entire details about the bank. They have to enquire about the people who had an account on that bank so to overcome this we have developed a chatbot system which will help the user to know more about the bank and also to know its details.

DISADVANTAGES

- User had to search for the bank details everywhere.

- Users need to enquire about the other one who has an account on that bank.

- I Need to wait in an along queue just to enquire about the bank details.

- Sometimes, bank workers will not give a good response to the users since they have a lot of works.

PROPOSED SYSTEM

In, proposed system the user can search the bank details using an android application. In this system users can search the details of multiple banks. Thus this helps the user to know the entire details of the bank regarding loan, account, and so on. Users can select the bank and know the entire details about that bank. They don't need to enquire about their friends or the bank employees.
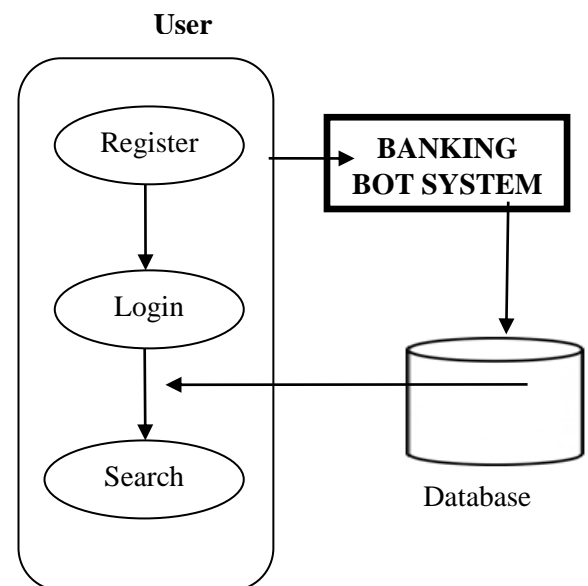
ADVANTAGES

- Users can search the entire details of the bank they are willing to know.

- User can also search the details of multiple bank which they order to know.

- Need not to enquire about their friends or bank employees about

the bank account, loan details, and so on.

- User friendly and a good interface is created since it is developed as an application project.

SYSTEM   ARCHITECTURE
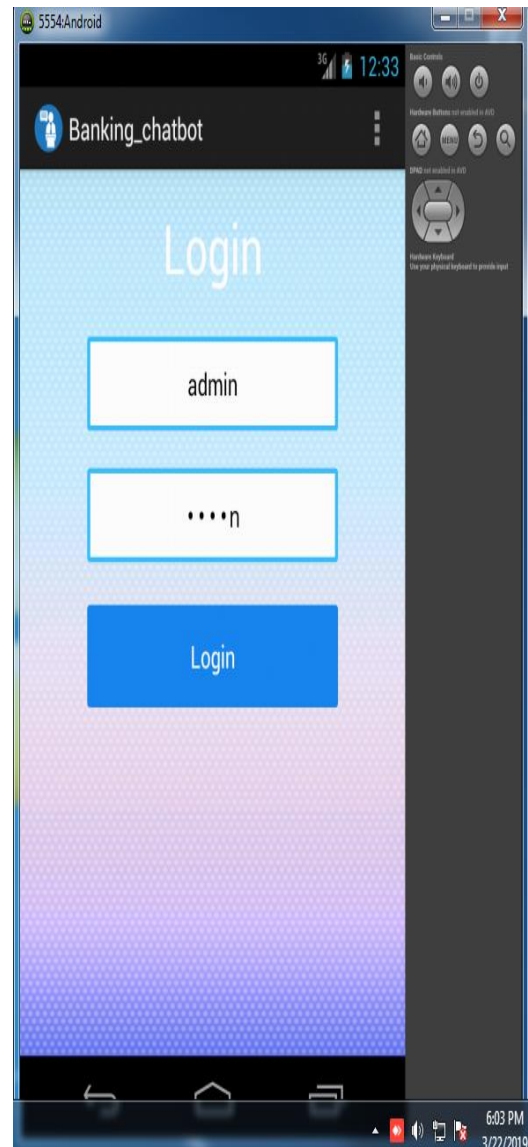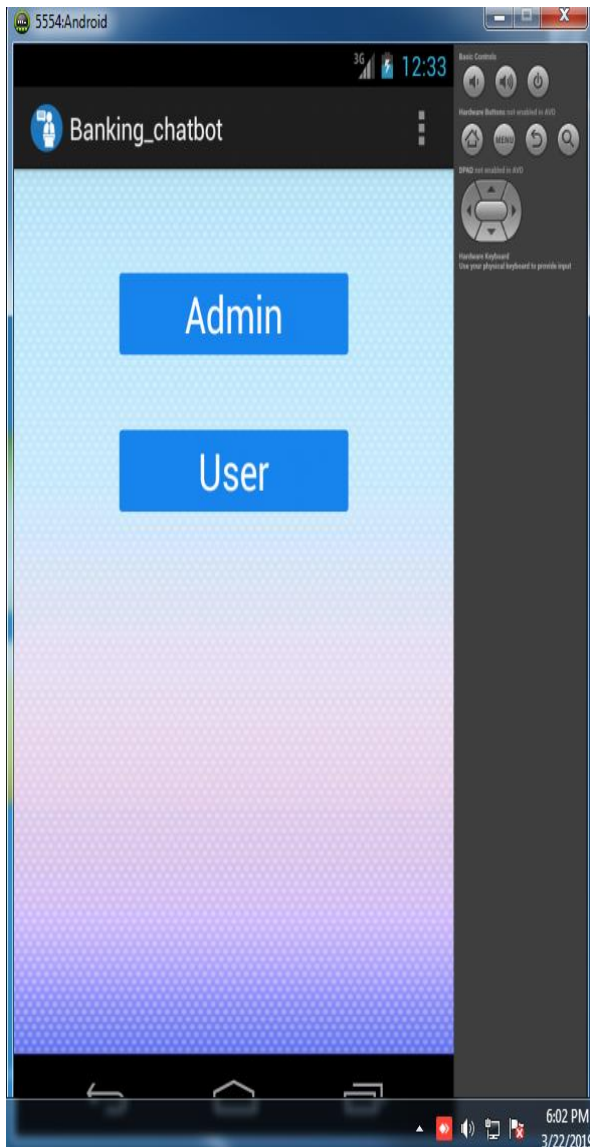
User

COMMON SECURITY THREATS

Research from Security Company Trend Micro lists premium service abuse as the most common type of Android malware, where text messages are sent from infected phones to premium-rate telephone numbers without the consent or

even knowledge of the user. Other malware displays unwanted and intrusive advertisements on the device, or sends personal information to unauthorized third parties. Security threats on Android are reportedly growing exponentially; however, Google engineers have argued that the malware and virus threat on Android is being exaggerated by security companies for commercial reasons, and have accused the security industry of playing on fears to sell virus protection software to users. Google maintains that dangerous malware is extremely rare, and a survey conducted by F-Secure showed that only 0.5% of Android malware reported had come from the Google Play store.

Android's fragmentation is a problem for security, since patches to bugs found in the core operating system often do not reach users of older and lower-price devices. One set of researchers say that the failure of vendors to support older devices with patches and updates leaves more than 87% of active devices vulnerable. However, the open-source nature of Android allows security contractors to take existing devices and adapt them for highly secure uses. For example, Samsung has worked with General Dynamics through its Open Kernel Labs acquisition to rebuild

Jelly Bean on top of their hardened micro vision for the "Knox" project.

Android smartphones have can report the location of Wi-Fi access points, encountered as phone users move around, to build databases containing the physical locations of hundreds of millions of such access points. These databases form electronic maps to locate smartphones, allowing them to run apps like Foursquare, Google Latitude, Facebook Places, and to deliver location-based ads. Third-party monitoring software such as TaintDroid, an academic research-funded project, can, in some cases, detect when personal information is being sent from applications to remote servers.

CONCLUSION

Thus, the proposed system helps the user to know the details about the bank details which are needed. Also to enable the user's workspace to have additional functionalities that are not provided under a conventional banking project. The sentiment polarities explored are clichéd, conventional, and inadequate. Still, the ongoing work presents a great hope for

human sentiment analysis and prediction.

There are some areas in which, in the authors' opinion, chatbots cannot be used in education. In such contexts, they are more likely to be able to disclose supplementary information than to solve content issues. Lastly, chatbots can not only simplify the administrative work of teachers and increase trust; if, for example, they are not efficient enough or do not understand the users' requests, they could also cause frustration originating from unsuccessful communication.

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