Instant Home Service

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ABSTRACT

Home based service provider is effective system to resolve the daily home based queries that often occur. It provides services on android device to user where they can post the various queries that they face in day-to-day life to get a solution and this project also provide a platform to the service provider to extend their area of business. The system is about to provide home based services to overcome problems like impairment of internal pipeline, internal mess in electric wiring, repairing of furniture or making a new interior etc in homes. The main advantage of using this system is to reduce time of searching problem related service providers. In this system we introduces an Android OS (operating system) based application for tablet and Smart phone in which the user will send notification to the related service providers about his problem and the interested provider will available the service by replying to user notice. Also there will be details about the service provider where the user can directly contact to the nearest provider. Nowadays the smart phones and tablets are becoming powerful and with new useful characteristics, and they will be a perfect match to develop this system . The system uses standard identity management protocols, attribute based access controls, and delegation service. A set of Application have been defined for the authentication and authorization processes. Using geosocial applications, such as FourSquare, millions of people interact with their surroundings through their friends and their recommendations. Without adequate privacy protection, however, these systems can be easily misused, for example, to track users or target them for home invasion. In this system, we use LocX, a novel alternative that provides significantly improved location privacy without adding uncertainty into query results or relying on strong assumptions about server security. Our key insight is to apply secure user-specific, distance-preserving coordinate transformations to all location data shared with the server.

Keyword: *Service Provider, Customer, Authentication, Geosocial, supplier*

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1. INTRODUCTION

Today's almost all day to day activity are computerized / mobile. In home if your electric board is not working properly then you have to go to manually to the electrician and get hire for your work and if he is busy in his work then you have to wait until he will free from his work. if someone is new in city he has to face many problems. so instead of going this irritating process we create a system which solve all your home base problems in single system. Home based service provider is effective system to resolve the daily home based queries that often occur. It provides services on android device to user where they can post the various queries that they face in day-to-day life to get a solution and this project also provide a platform to the service provider to extend their area of business. The system is about to provide home based services to overcome problems like impairment of internal pipeline, internal mess in electric wiring, repairing of furniture or making a new interior etc in homes. The main advantage of using this system is to reduce time of searching problem related service providers. In this system we introduces an Android OS (operating system) based application for tablet and Smart phone in which the user will send notification to the related service providers about his problem and the interested provider will available the service by replying to user notice. Also there will be details about the service provider where the user can directly contact to the nearest provider. Nowadays the smart phones and tablets are becoming powerful and with new useful characteristics, and

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2. SYSTEM DESCRIPTION

We developed a system that aware of privacy issues. In our system there are three types of users are involved as shown in fig: 1 i.e. admin, supplier and client. Working of our system is represented in following steps:

1. Admin is Main contribution of system admin of our system is to manage users like client and supplier. Handle their queries. Admin is responsible to define types of supplier such as, plumber, carpenter, painter, driver, pest controller etc. and their respective services. Admin manages user request or complaint. And notify to the supplier against client query.
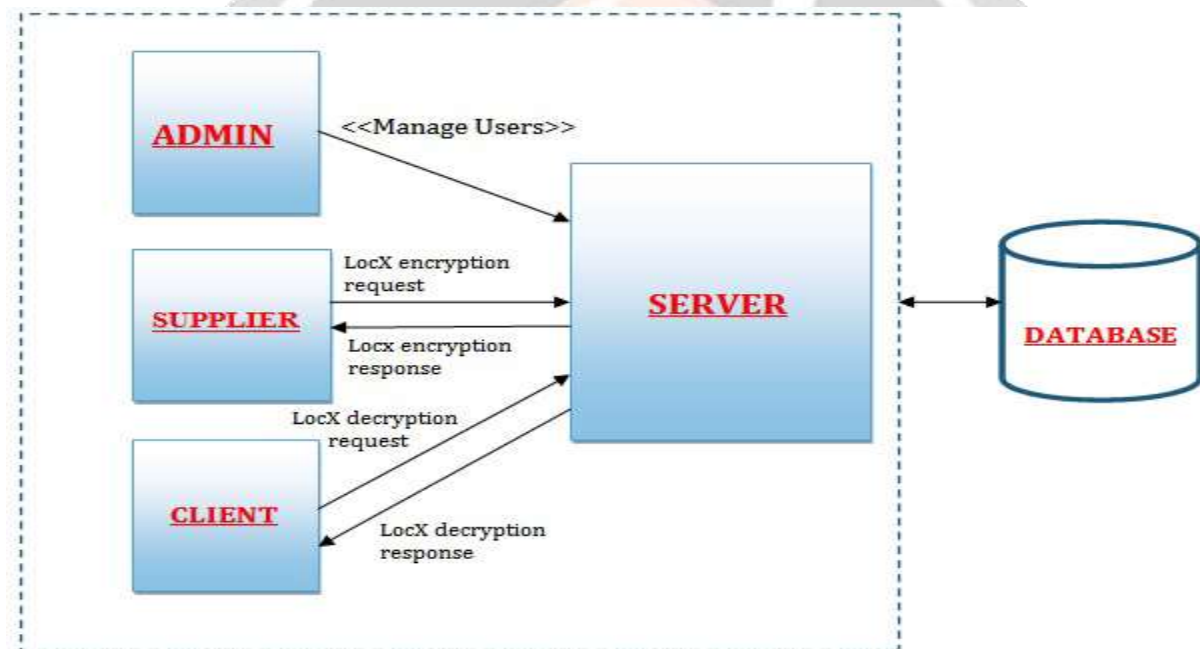

Fig-1 System Architecture

2. Client is the system user, they use LBS. or they have information about location with them using our mobile app. With this app client get the type of services that de_ned by admin. Client launches complaint for their required types i.e plumber, carpenter, painter,driver,and pest controller etc. to gain service. For this client use LocX technique. They launch complaint in encrypted format to the supplier end. Further, they will get response from suppliers for requested complaint or request with their charges and location. Then client will _xed supplier and place order.

3. Supplier Supplier will generate proxy of original message using LocX. When supplier get client request he will give response to the client request with his work charges. After successfully submitted response to client, supplier has to wait for client response. When client _xed the supplier then supplier will get noti_cation of client positive response.

3. OVERVIEW OF SYSTEM

Following use-case diagram shows the overview of the Instant Home Service. The user actor can have the registration, login credentials, Select service, feedback, pay charges.
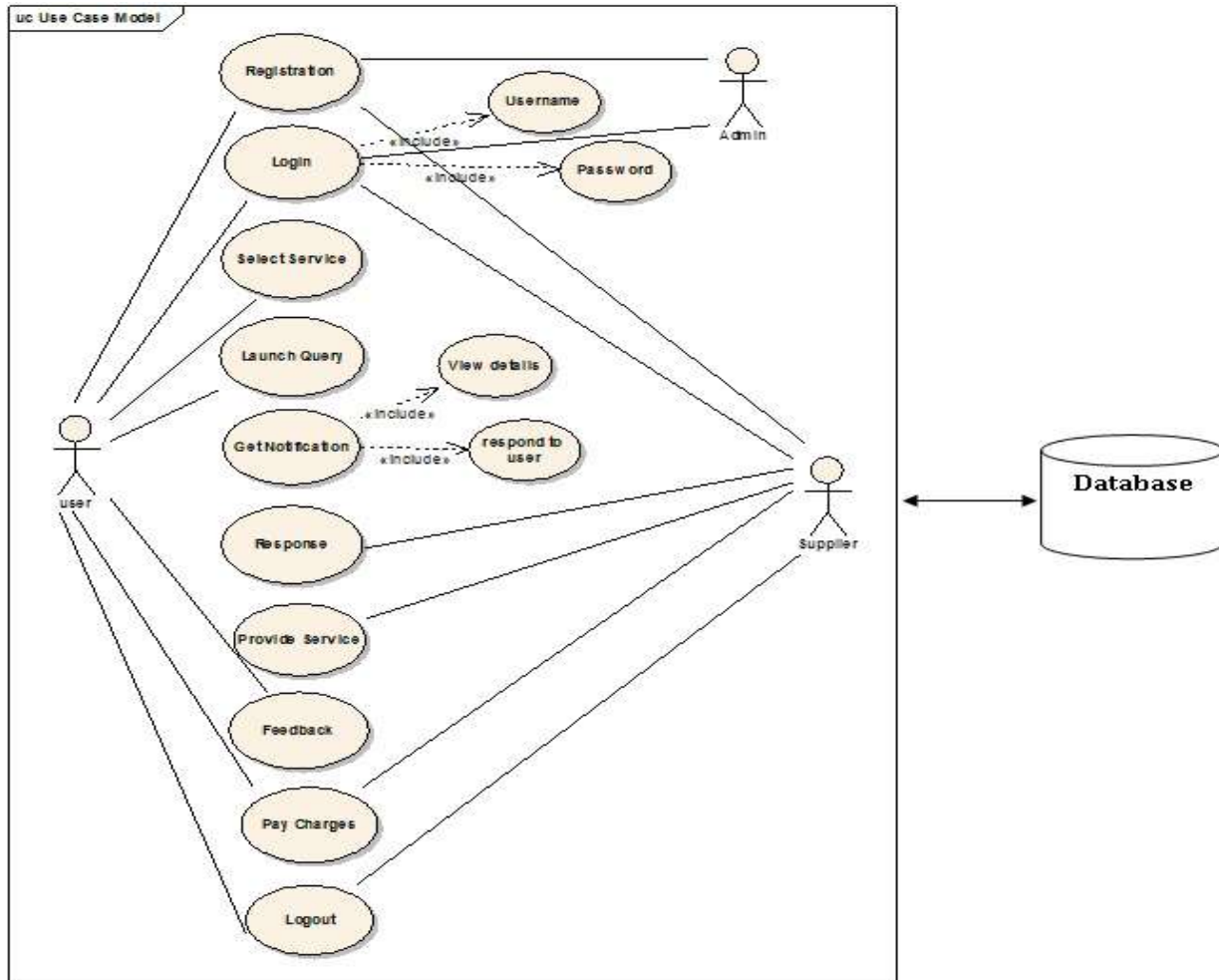

Fig-2 Use case Diagram

4. CONCLUSIONS

We have proposed a technique LocX to hide user location details in Location based social network and provide secure data communication channel among users. Data can be shared with among multiple users in encrypted format. User who is having access permission and present at desired location can only decrypt the data. User can generate proxy signature can hope his/her location for getting particular message details. LocX framework efficiently manages user to location and location to data pairing. This provides location specific data services to the user.

5. ACKNOWLEDGEMENT

6. REFERENCES

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