



## Unifying home related services on android application

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### ABSTRACT :

This project “Unifying home related services on android application” mobile based application developed by using the latest technology Java with XML as a front-end and SQL Lite as Back-end.

The mobile phone industry is one of the fastest and most dynamic business sectors today. The need to communicate efficiently and instantaneously is always an undying necessity. Proposes an Android mobile phone application that gives complete Home related services such as meson, plumber, site engineer carpenter, electrician, ac mechanic, fridge mechanic, interior worker etc. Initially users need to register with the mobile application by submitting their details through this app after successful submission user can log on this mobile application. After successful login they can view Home related services Worker details through this app. After that user can send and make appointment request. Once request send means automatically send message alert intimation to particular Home related services worker effective manner. After that Home related services worker can login this app and they can send conformation to particular request user. This mobile application has been developed with an intention to make the system user-friendly thus reducing the manual work. The application has been developed with advanced features.

Keywords Home maintenance, home repair, home improvement, handyman services, cleaning services, lawn care services, pest control services, plumbing services, electrical services, interior design, home renovation, moving services, landscaping services, painting services, window cleaning.

### Introduction: :

The project is an android application developed for providing home related services efficiently and speedy service. This project is aimed at developing user can book the service man and service man status updating like booking the service man, and cancelling process. The registered user can view and book the service man. The user views the service man in this android application. The premium user can get the full details about the service man profile and they can book the worker if they desired to assign work later. The user can get all the details of the service man with the contact and registration number. Following is a list of functionalities of the system. More functionality that you find appropriate can be added to this list. And, in places where the description of functionality is not adequate, you can make appropriate assumptions and proceed. Service man can view the user's booking, and they can send the reply to the users. Users of the system: User needs to register and book service man of their need and they can only view all the details. User can view as well as get full details about the worker and they can also post the reply and feedback. The worker can view using the normal or they can be view using the booking and send Confirmation or Cancellation SMS alert to the User. Finally, the user can view the SMS alert.

### EXISTING SYSTEM:

In the existing system, there is no application for home service. The Worker details are shared only for manual process. There is no booking option and view service man for the android application. This results in increased inefficiency and may not cover all the details. All process can be either booking by calling to the worker or direct visit. There is no option to book the worker. The following are some of the drawbacks of the existing systems.

### Disadvantages:

- No booking facility
- Notifications are not performed
- Details are enquired through phone.
- It consumes more time

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**Proposed system:**

The drawbacks, which are faced during existing system, can be eradicated by using the proposed application. The main objective of the proposed system is to provide a user-friendly application for society user. The intention of this project is to minimize the manual interaction. This project is aimed at develop is to minimize the manual process. Project proposes a new android application which can be used when a user needs any home related services. The registered user can login to this application and make request for service employee based on live location. The application will list out the registered home related service employee in that area. The user can pick a service employee and make request for his service. Based on request service employee they can select or reject user request effectively. Proposed to make the new system extremely user friendly. This should develop to minimizing the manual process.

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**SYSTEM REQUIREMENT*****HARDWARE REQUIREMENT***

- CPU type : Intel Pentium 4
- Clock speed : 3.0 GHz
- Ram size : 4 GB
- Hard disk capacity : 500 GB
- Monitor type : 15 Inch color monitor
- Keyboard type : internet keyboard

***SOFTWARE REQUIREMENT***

- Operating System : Windows family
- Language : JAVA
- Back End : SQLite
- IDE : Android Studio2.2
- Documentation : Ms-Office