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Labour Management Using Android Application

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Abstract: ***The "Labour Management using Android Application" is an android application which is helpful for common people as well as organizations or a contractors. In existing system all the activities are done manually. It is very much costly and time consuming. In our purposed system, common people or organization can hire and view labours details using Android phones. The data will be stored in the database. The common people or organization can login in to their account through the app itself and update information or requirement. In our system, common people or organization can view labour's details such as type, cost, location etc. Other than this the advanced features are: Our system has chat box, using this chat box customer and labour can communicate and negotiate.***

Keywords: ***Labour, Customer, interface, Android, open source, software development kit***

I. INTRODUCTION

In today's world mobile and mobile application plays an important in day to day life. Almost everything is done on mobile application, considering this we have created a mobile application to hire a labour who work on daily work and wages. As we know this people is an important role in suburb area. Basically using our application user can hire a labour from nearby area, For this user and labour both need to register themselves itself on the application using their basic detail such as name, number, address, gender etc further labour need to fill his charges also

II. LITERATURE REVIEW

A. Android college management system, used IMEI number of smart phones for authentication, swapping lectures manages smartly in the system but this system is does not apply to every student further increase cost as it use internet.

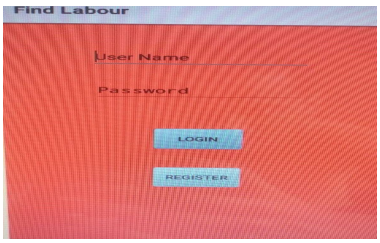
B. Employee Attendance System, used smartphones for employee's attendance, paper work and man power reduce but employee's attendance is long and complex process further attendance is solely depend on employee's smart phone

C. Employee management system, Manages employee's post separately, accessing data base is easy also used to recruit employee but the whole process is very much complex and difficult to understand and multiple people can edit lower level employee's details

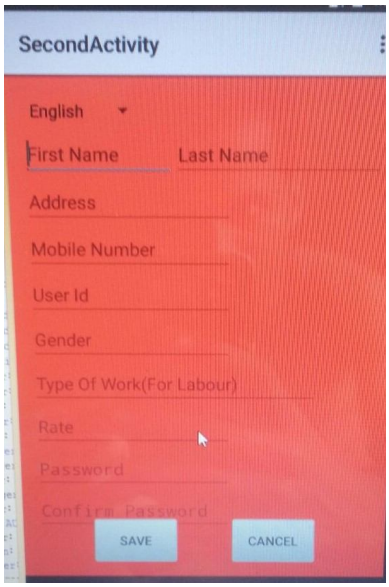
III. PURPOSED SYSTEM

The system architecture has a smart phones with android OS. The android smart phones or Tablet must use 3G or Wi-Fi network for internet connectivity to ensure better performance however 2G should also satisfy user request with added disadvantage of time lag. The labour will login to application through an android smartphones. Customer can see all the details of the particular labour through this application. Multiple registration can be done in app. According to detail the constructor, organization or a common people will approach labor via SMS with all details in it. We have added many features in it Such as chat box where labor and contractor or common people can communicate with ease using any language as we are include all Indian language in it. Also added video sharing features in the chat box. We also sed a Google language translator for those who cannot understand English language. The application offers reliability, Time saving and Easy control. This application help labor to get the job on click as well as all other people get the labor on one click.

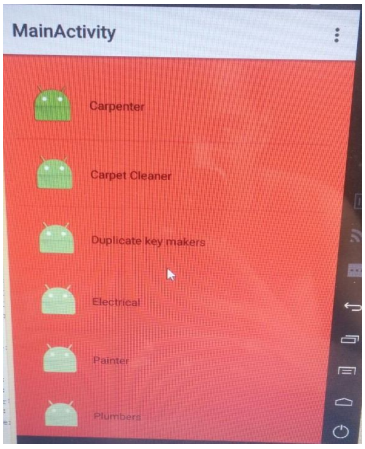
IV. RESULTS



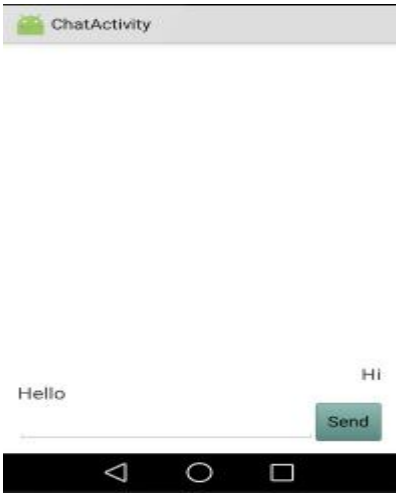
This is the login page of our application through this user and labour will login to hire or to get hired.



Using this user and labour will register themselves on our application with their name number address password there is same registration for both user and labour only labour need to enter his charges.



This is the categories of labour divided according to their type of work. This help user to interact with application smoothly and easily.



This is the message box using this user and labour can communicate and negotiate with each other. Also can clear the misunderstanding about location, address etc

V. CONCLUSIONS

Considering the globalization of Android application we developed an android application for labour who work on daily wages (payment). This application offers time saving, reliability and easy control. It reduces time needed to search raw labours. This application provide new way of hiring a labours with user friendly and attractive user interface.

VI. ACKNOWLEDGEMENT

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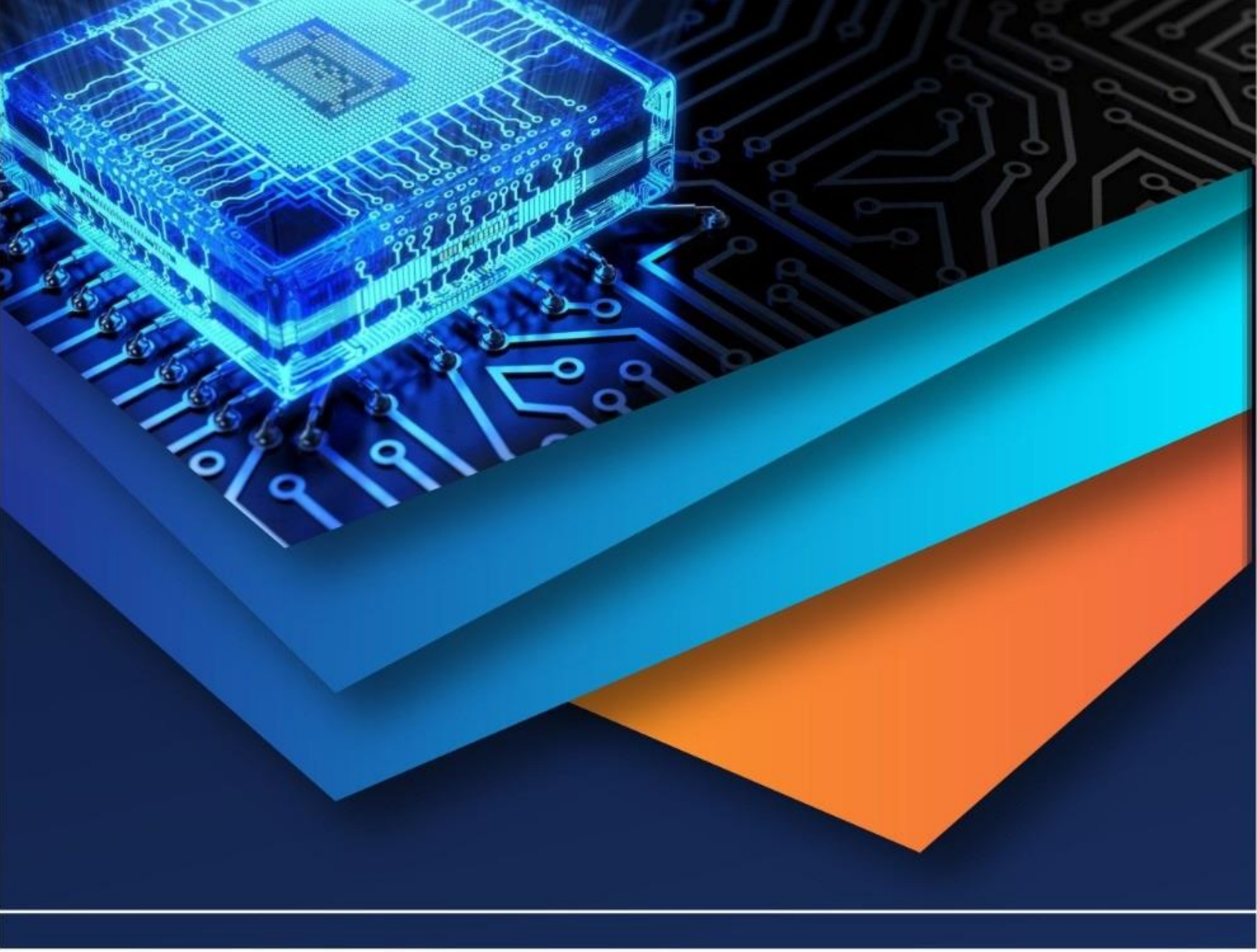

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