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# E-WORK ANDROID APPLICATION

Mr. Veeresh Kumbar
V.P. Dr. P.G.H.C.E.T.,
Vijayapur, Karnataka, India

Mr. MohammadTalha Sanadi
V.P. Dr. P.G.H.C.E.T.,
Vijayapur, Karnataka, India

Prof. Prabhu R Bevinamarad
Asst. Professor, Dept. of CSE,
V.P. Dr. P.G.H.C.E.T.,
Vijayapur, Karnataka, India

Mr. Avinash Biradar
V.P. Dr. P.G.H.C.E.T.
Vijayapur, Karnataka, India

***Abstract*— In today's world there are many companies and start-ups which have been emerged to address all/many needs of the mankind, such as home cleaning, home shifting, Food on the go, teachers, trainers, Parking and so on, these are the organizations which handles specific task/service through their application. All of these organizations are active only in metro cities and they hire the personnel for the full time job. While we come to the part of searching the job or part-time job it is very difficult task for people such as students, fresh graduates, unemployed, illiterates and, there may be jobs but they might not be compatible with their free schedule and interest. There are people who are spending their time in smart phones and also there are people who may be satisfied with the job, which takes less time, less effort and earn more money.**

This application provides a platform for the individuals to communicate on behalf of their work. The people who want some work to be done can post the request on the application. The user of the application can view all the requests and response to any of their interest. Users can find the work in their locality and get paid. Users have to download and install the app., then register to the application if the user is using for the first time or else sign in. The registration fields contain Name, DOB, phone number, email id, Address. For signing in phone number is required. Once the user signs in then he/she can use the application as a requestor or responder for a work to be done.

**Keywords— Android, Application**

## I. INTRODUCTION

This project is an android application named as E-work with a tagline "Do It or Deal It", aimed to provide a platform where the users can find and offer work, interact with the individuals about the work of their interest. The job seekers and job providers may match with the best of their needs. Users can find the work in their locality and get paid. The more effort has been made to bring this app to address following two issues which are exist in previous android apps.

1. **Application Specific**

The applications which are already exists are made for specific purpose, such as travelling, food delivery, ticket booking etc. This will be a difficult for the people who want an application with generic purpose.

2. **Work Individually**

Most of the applications which are available in a market are belonging to the organizations are not providing a privilege/chance to work individually.

According to the survey, we brought an idea that, any individual can serve any one who is in need of some work to be done and get paid from the person who requested for that work. So, this can be considered as a good platform for people with above problems.

## II. PROPOSED SYSTEM

This application provides a platform for the individuals to communicate on behalf of their work and get it done even in their busy schedule. This application is developed for android platform and consists of two main roles, Requestor and Responder.

1. **Requestor:** In this role the user can post a request one who wants his work to be done and can communicate with the responder, whoever interested in his/her request.
2. **Responder:** In this role the users browse all the requests which are posted on the application by the requestors. And can select any one request which the responder is interested. Once responder selects the request, then he/she can directly communicate with particular user who has requested and carry out further discussion to achieve the work to be done. The Fig.1 depicts the block diagram of a system.

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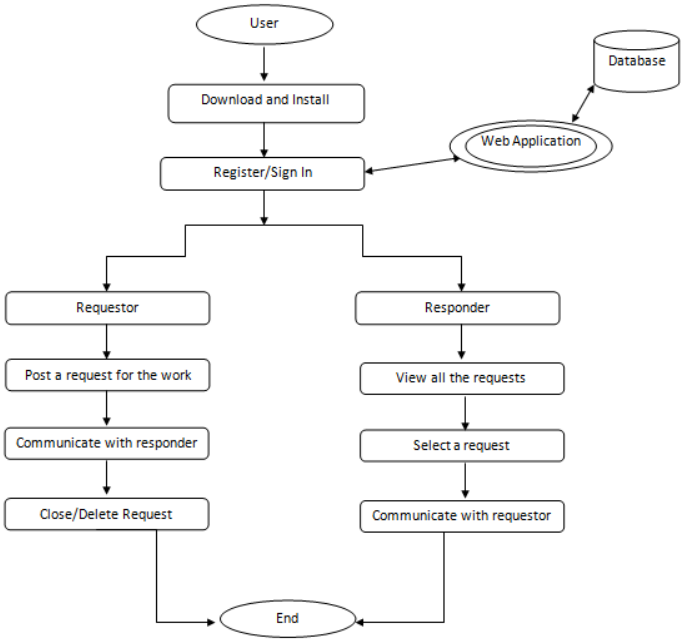


Fig.1 Block Diagram

The entire system environment is divided in following working modules.

1. **User Module**
2. **Requestor Module**
3. **Responder Module**
4. **Admin Module**

**1. User Module:**
A user is a one who downloads the application and ones the application is downloaded then the user may login if he/she is already registered or else users need to register to the application. Registration page consist of various fields such as First name, DOB, Address, Phone number, Email id, Password etc. The user is authenticated using Gmail account information.

**2. Requestor Module:**
Ones the user log into the application, he/she may enter as requestor or responder. Requestor is a phase where user can post a request on the app to get his work done. User can view his requests, receives notifications from responder, chat with the responder, and can also close/delete his request ones the work is done/completed.

**3. Responder Module:**
Responder is a phase where the user can view all the requests posted by the requestors. Responder may view and choose the requests from selected service and location and he can responds to the particular request by communicating with requestor.

**4. Admin Module:**
In this module a admin can add a new services and new locations to the application using web services. And also he can able to manage the database. The management of web services is done by the admin.

## III. IMPLEMENTATION

This project is implemented for an Android Platform using JAVA and XML (Extended markup language).ASP.NET scripting languages [7], [8]. The following figure shows the snapshot of the E-Work android application

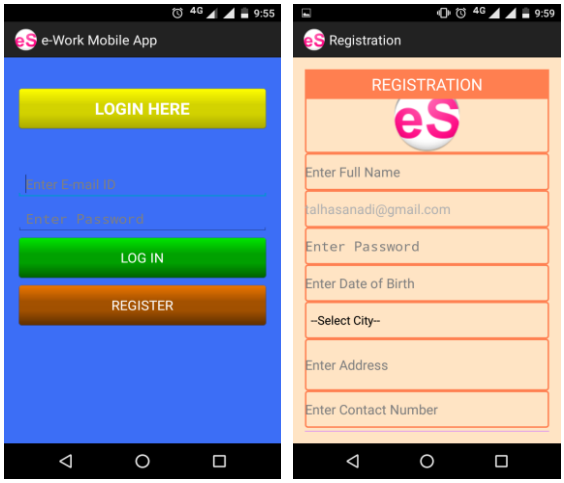


Fig. 2. E-Work login Page and Registration Page

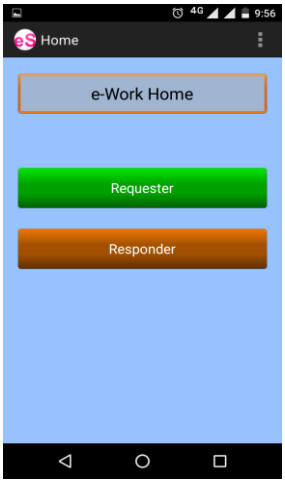


Fig. 3. E-Work Home Page

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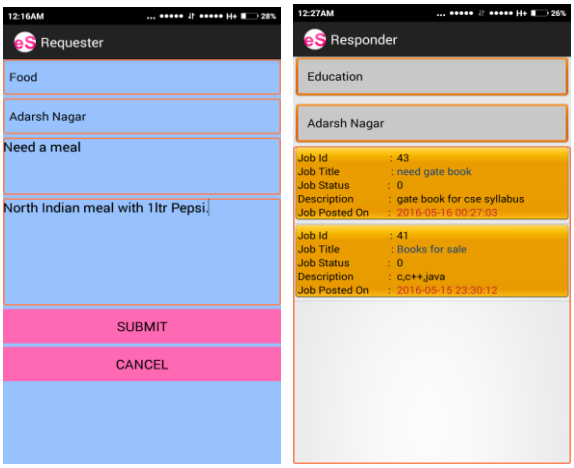


Fig. 4. E-Work Request and Responder Page

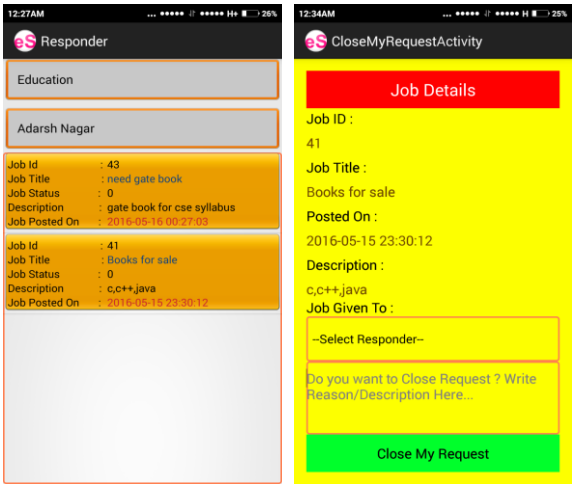


Fig. 5. E-Work Job Request description Page

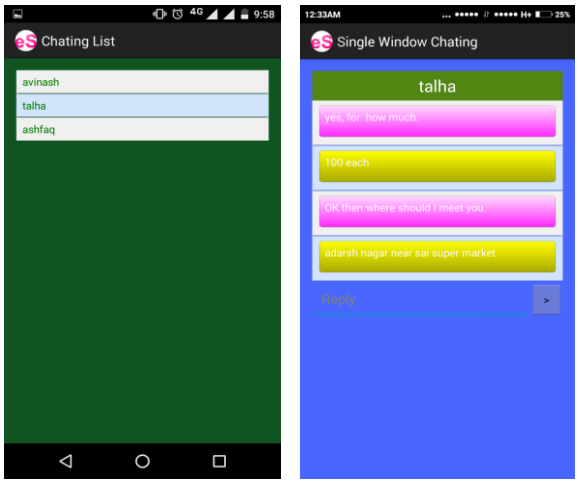


Fig. 6. E-Work Chat window

## IV. CONCLUSION

The android applications launched till today by all organizations are very specific to purpose such as travelling, food delivery, ticket booking etc. According to the survey and as per our knowledge still no android application exist to provide a job service opportunity/to get the work done who are really in need. This application is going to give a good platform for people who search for a job in their locality to earn money with less time and less effort. This application is a generic which would help an individual to seek and offer work.

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