

**LABOR EXCHANGE**

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This Report Presented in Partial Fulfillment of the Requirements for the Degree  
of Bachelor of Science in Computer Science and Engineering

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## **APPROVAL**

This Project titled “**Labor Exchange**”, submitted by **NOWRIN AKTER, ID No: 151-15-5393 MD. ALI HOSSAIN, ID No: 151-15-5394 and MD. TOUHIDUL ISLAM, ID No: 151-15-5396** to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering (BSc) and approved as to its style and contents. The presentation has been held on 10-12-2018.

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## DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Abdus Sattar, Senior Lecturer, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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## **ABSTRACT**

This project is intended to develop an android based application on online. The proposed project is an Android based application which try to help the people. In our project there are two main actor so we defined their activity respectively. First of all user have to login in our system. Then user fill the form as a job seeker. Admin can approved or cancel the user request if they are not fulfill the information. Super Admin can check the profile, approve or cancel the request and Admin see that which account is approved by which Admin. After approve the account, they can see, read, their profile with a personal photo. Admin can also post notice. After implementation of all functions, the system is tested in different stages and it works successfully as a prototype. Our project is being created for the welfare of our country. we want to the country people easily get labor and post job and also search labor from anywhere any place using this application as if they could be develop financially. As a result, the number of unemployment in the country will be reduce. Our Slogan,

“Once Install, Work Anywhere”

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# **CHAPTER 1**

## **Introduction**

### **1.1 Introduction**

Many homeowners and commercial factory have large amount of worker. But, worker finding is the big problem in the present age. We want every of people as if find worker any place within using our mobile base application whose name is Labor Exchange. The main goal of our project that we build up an online base android application where post Job by job employers and find out job seekers. Similarly, job seekers post job and find job Seekers. Any problem of job seekers and job employers report to misbehave or their fault. For this, admin stop the work times job seekers or job employers. They are easily register. The App and find out their workers. In modern times it is very beneficial for people.

### **1.2 Motivation**

In developed countries people are used to take worker find out using internet. We know present day's in our country Internet become popular so we wanted to create an Apps that make our people time save and remove harassment. So we were motivated from this harassment and try to create a complete system for job seekers and job employers. We pay attention on security issue because now day's terrorism is a burning question. For this reason, we need to help government administration to action all job seekers and job employers. We motivated to types of people such as from job seekers perspective and job employs perspective.

### **1.3 Objective**

The objectives of this project are

- This mobile application will serve as a meeting place for those looking for a job and for those seeking employs.
- To reduce communication cost
- To reduce time
- To help worker to create advertisement and post it
- To create a community for both users

- To ensure security

## **1.4 Expected Outcome**

The expected outcome of this project are, the proposed project is an Android-based application which try to help the people to worker find out issue. In our project there are three main actor so we defined their activity respectively. First of all user have to login in our system. And find out worker and also find job which user can bid the job, assign to worker. Messaging, calling, and see profile information.

### **Admin/Administration**

Which user are fraud, any type of user report them. Admin take the action that user even if fine 50k taka and minimum 3 or 4 weeks all service stop the users. If again same problem face that user, user account will banned.

### **Job seekers**

This type of user to do two types of work. First of all, they are searching job and bid the job .simultaneously, post the job. All the notify will be seen notification part the user.

### **Job Employers**

Job Employers post the job with all requirement. They are connect with firebase messaging service (FCM) and also call the job seekers.

## **1.5 Report Layout**

We have organized our report as follows. In Chapter 2, we introduce the background circumstances of our project. We also briefed about the related work, the scope and challenges of the project and we are doing comparative study with many other candidate system. In Chapter 3, we specified the requirement project. We defined the business process model, data flow diagram, use case diagram, ER diagram and design requirements. We also discussed about the requirement collection and analysis process. In Chapter 4, we specified the front-end and back-end design of the project. In Chapter 5, we exhibited the implementation of the whole project and we tested the every section of the project whether the application is working as expected. In Chapter 6, we designated about conclusion and the scope for further development of the project. At last of all, we give some related reference to ensure that the information in the report are must be correct.

## **CHAPTER 2**

### **Background Overview**

#### **2.1 Introduction**

We already discuss that why we choose this project as like our application, we try to help people to find the job seekers and job employers for satisfaction to earn money. In this chapter we discuss all tasks that we need to concern before taking a step ahead. Here we want to briefly discuss about all related works, Comparative Studies, The Scope of the Problem and Challenges.

#### **2.2 Related Work**

This the age of science. Blessing science, develop various types of things one of them programing language that through develop any kinds of software and application. If we, build a mobile based application, then more knowledge of programing language. Here we make build an android application which name labor exchange.in this part, we are compare to related app. For this, we are compare to “find a worker” application. There, e-commerce site and “find a worker” site. But, huge amount of activity or fragment face the user. We want to develop differently ratio part of “find a worker” that are user friendly .Already we told that there are some related work that we found there we defined some of them. Squared way “find a worker” is job seekers and job employers to make an application which is designed to support both job seekers and job employers, it allows to

Disadvantages of the existing app

- It must be accessed through an android mobile.
- It cannot send push notifications to the user.
- The issues are sent to the email and communication can only be achieved through messaging/email.
- Only restricted to specific area.
- Security issue is not addressable.

In our proposed application we provide as much as feature to user for helping them and increasing efficiency our system.

- It must be accessed through an android application.
- It can send push notifications to the user.
- Security issue is main purpose so, report user are restricted for few days by admin.
- Ensure usability that anyone from anywhere use our application easily.
- Messaging, phone call option are include.

So we say that our proposed object is really accurate for now-days and fulfill all possible facilities.

### **2.3 Feasibility Studies**

A plausibility contemplate evaluates the operational, specialized and monetary benefits of the Proposed undertaking. The attainability think about is expected to be a fundamental survey of the Realities to check whether it is deserving of continuing to the investigation stage. From the Frameworks expert point of view, the plausibility examination is the essential instrument for prescribing whether to continue to the following stage or to suspend the task.

The attainability examine is an administration situated movement. The goal of an attainability Ponder is to see whether a data framework undertaking should be possible and to recommend Conceivable elective arrangements [4]. Projects are started for two wide reasons:

1. Problems that loan themselves to frameworks arrangements
2. Opportunities for enhancing through:
3. Upgrading frameworks
4. Altering frameworks
5. Installing new frameworks.

A practicality study ought to give administration enough data to choose:

1. Whether the task should be possible

## **2.4 Scope of the Problem**

We have already seen that some current application already help renter to find accommodation and owner to find renter for their house or apartment but those website do not give any facilities about shearing people communication. We ensure it besides security issue that only police approved account any fraud people cannot get approved by police, so security problem is solved by our project. After renting any renter doing any kind of suspicious work owner can inform police immediately so owner can avoid further harassment. We try to our level best that people get their expected feedback.

## **2.5 Challenges**

Every Works have challenge for every time. This project have some challenge that we are face to this project. Such as data collect is the main reason. Many of functionality use this project that are suffer when we are build this project. Another challenge is security ensure. We are work to together for solve this security problem and we are decided NID, Birth id, phone number authentication are included this project.

## **CHAPTER 3**

### **Requirement Specification**

#### **3.1 Requirement Collection & Analysis**

Our system is collected huge amount of data when any user register in our system. We analysis data and think about the data that we collect from user. Police and admin can access the data and keep eye on the user that if they do any offensive work they can easily find out.

##### **3.1.1 For job Seekers**

From job seekers we collect their personal information, flat information, location and police get these information through us. We use this information to develop our system and create a report for police/administration.

##### **3.1.2 For job employers**

From job employers, we collect their personal information, previous and current location and police get these information through us. We use this information to develop our system and create a report for police/administration.

##### **3.1. For Admin**

The Administrator is the ultimate user of the system. Admin should login to the system to operate. None other than Admin can access the full system. Only admin will be able to edit, update, add and delete the data from this system and he will have the house owner dashboard.

##### **3.1.4 For Administration**

Police/administration account is created by admin. Every police/administration has different and a unique Id which provided by administrator. They can analysis information and approved the account of home job seekers and job employers. Other police can check which account is approved by which police.



### 3.2 ER Diagram

A Substance Relationship (ER) Outline is a sort of flowchart that represents how "elements, for example, individuals, articles or ideas identify with one another inside a framework. ER Charts are frequently used to structure or troubleshoot social databases in the fields of programming designing, business data frameworks, instruction and research.

#### Entity

A quantifiable thing, for example, a man, question, idea or occasion—that can have information put away about it. Consider elements things. Precedents: a client, understudy, vehicle or item. Commonly appeared as a square shape.



Figure3.2a: Symbol of Entity

#### Relationship

How elements follow up on one another or are related with one another. Consider connections action words. For instance, the named understudy may enroll for a course. The two substances would be the understudy and the course, and the relationship portrayed is the demonstration of enlisting, interfacing the two elements in that way. Connections are commonly appeared as precious stones or names straightforwardly on the associating lines.

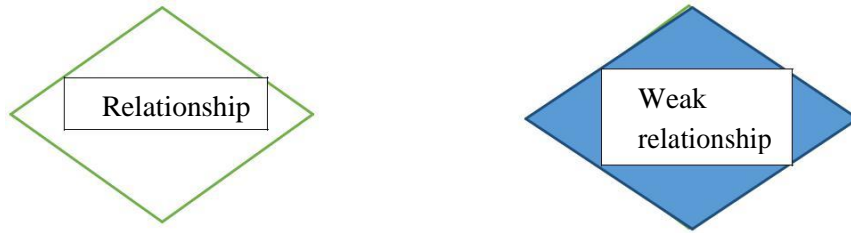


Figure3.2b: Some symbol of relationship

### **Attribute**

A property or characteristic of an entity. Often shown as an oval or circle.

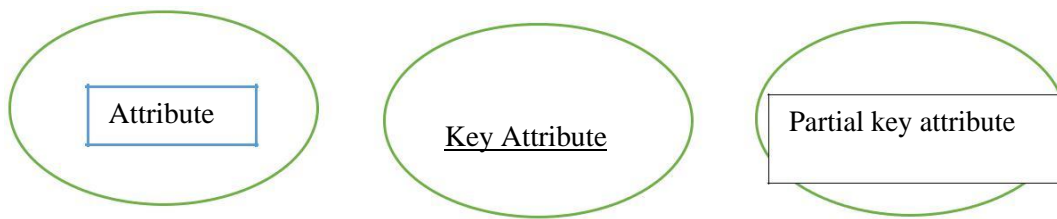


Figure3.2c: Some symbol of attribute.

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Figure3.2: ER Diagram

### 3.3: Use Case Modeling and Description

UML Utilize Case Graphs can be utilized to portray the usefulness of a framework evenly. That .Is, as opposed to simply speaking to the subtle elements of individual highlights of a framework, UCDs can be utilized to demonstrate the majority of its accessible usefulness. It is essential to Note, however, that UCDs are on a very basic level not the same as succession outlines or stream Graphs since they don't make any endeavor to speak to the request or number of times that the Frameworks activities and sub activities ought to be executed [7]. The figures are appeared Underneath for administrator, police, property holder and inhabitant separately.

#### 3.3.1 Use Case (Admin Part)

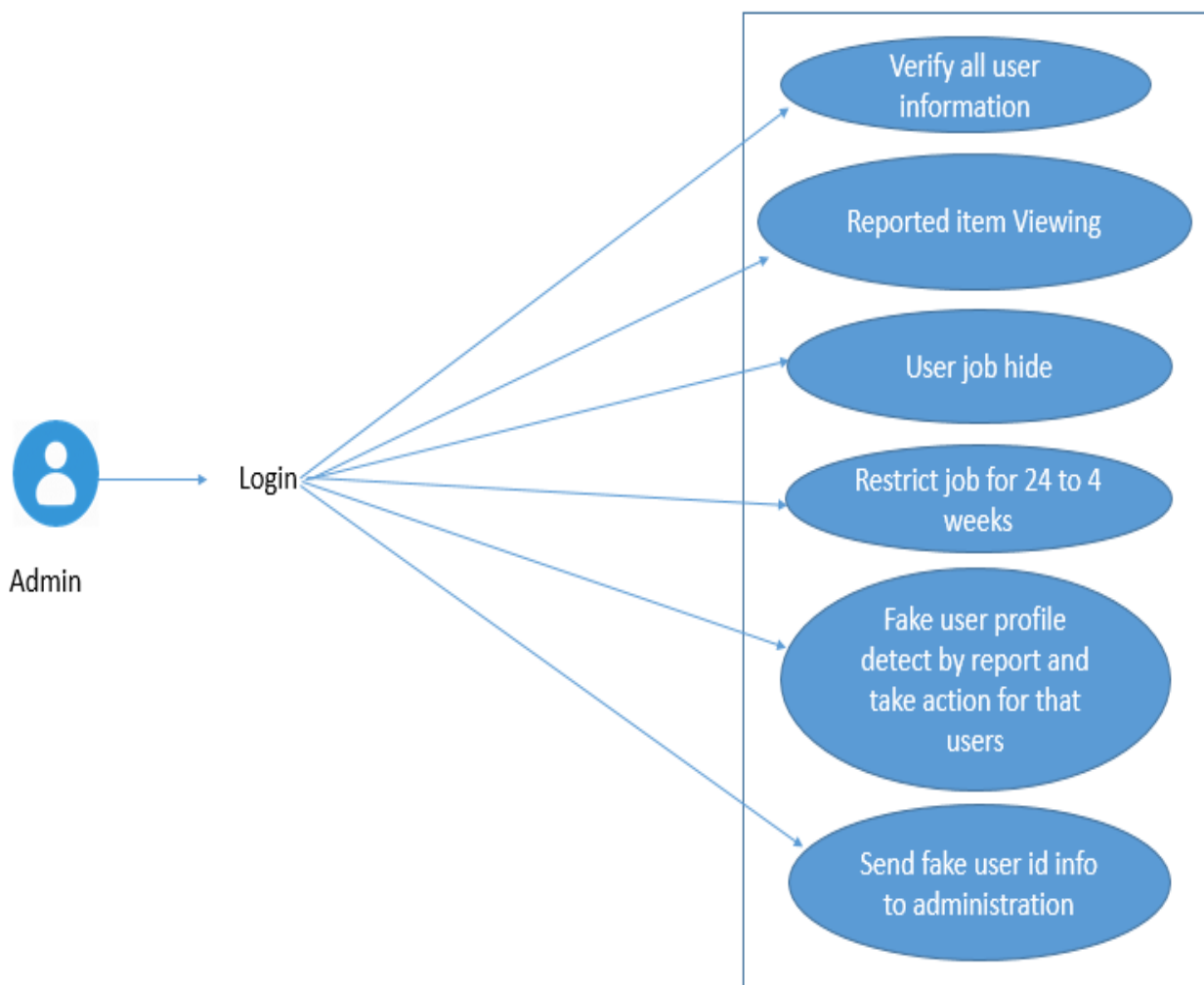


Figure3.3.1 Use case model for admin

### 3.3.2 Use Case (Administration)

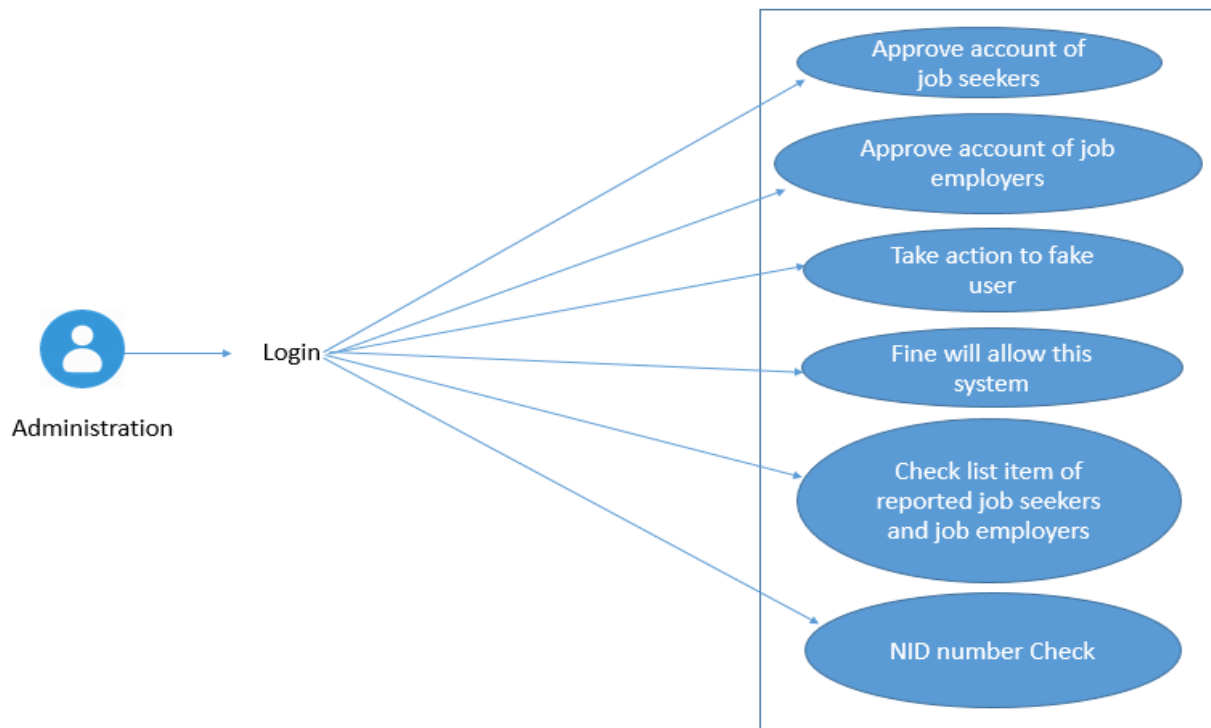


Figure3.3.2 Use case model for administration

### 3.3.3 Use Case (Job seekers)

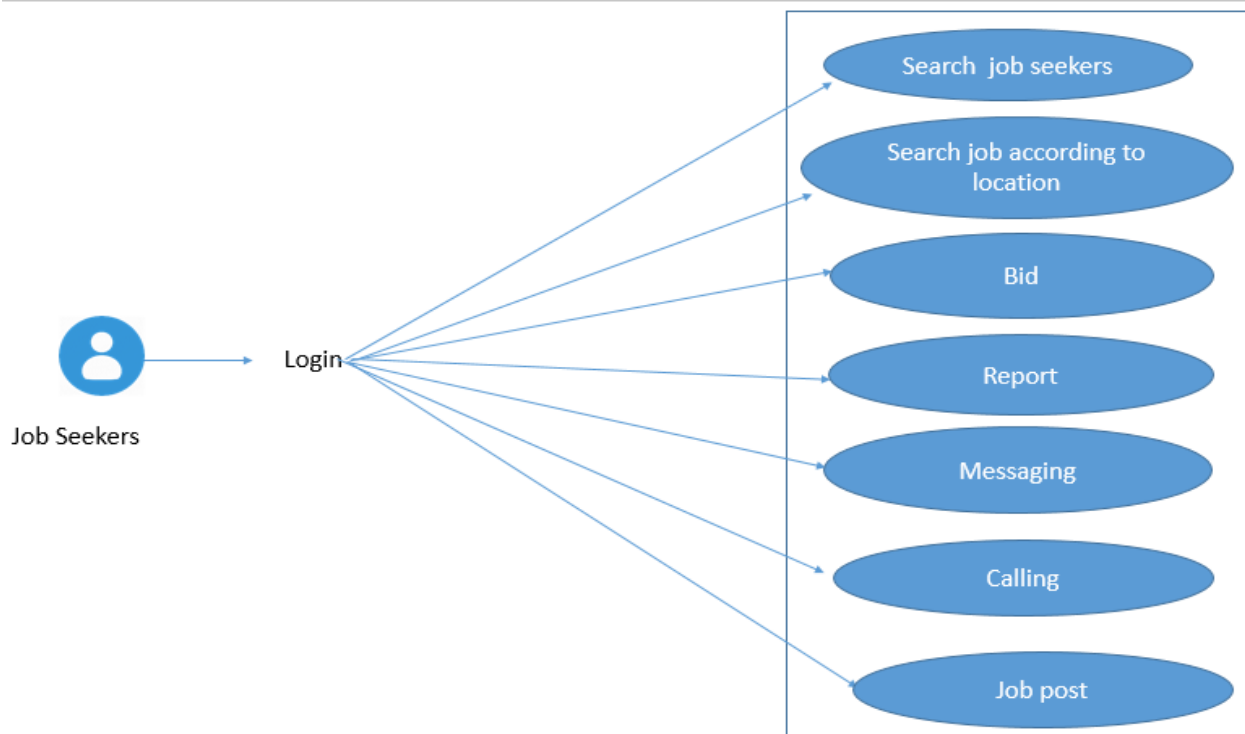


Figure3.3.3 Use case model for job seekers

### 3.3.4 Use Case (Job Employers)

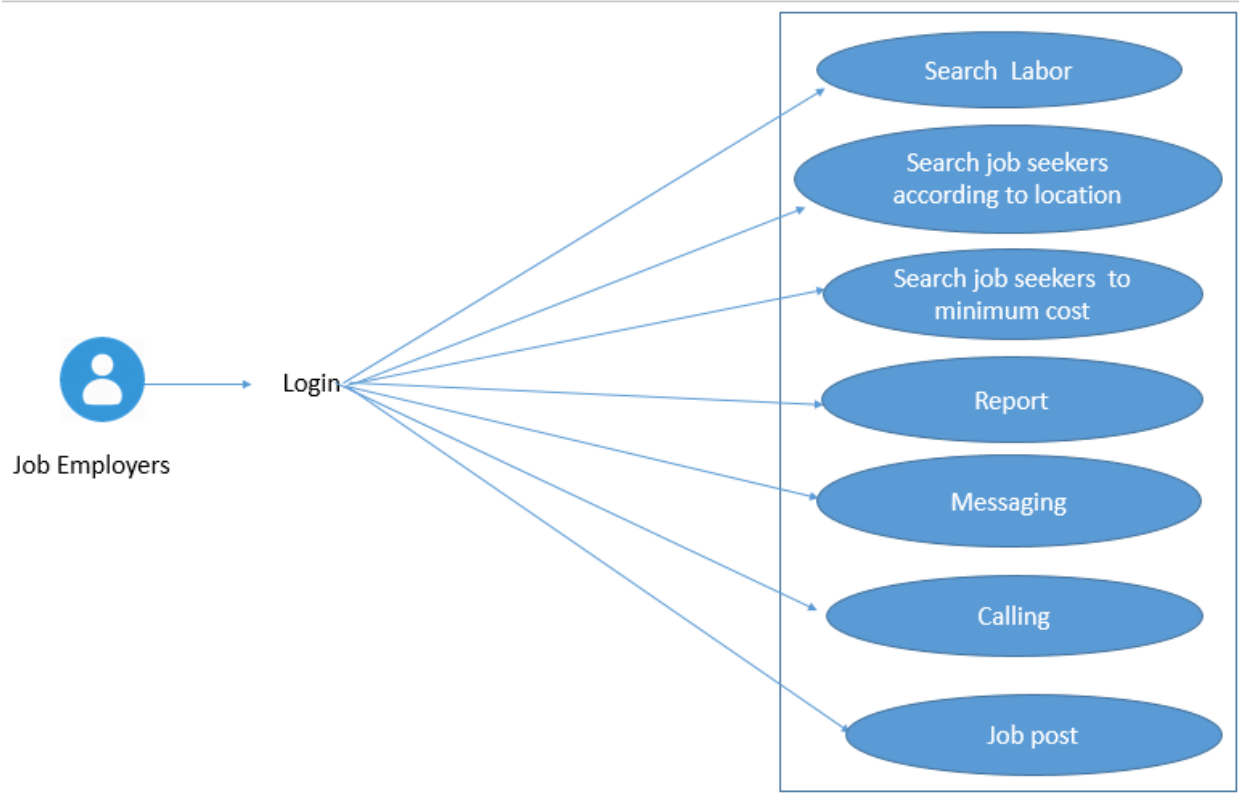


Figure3.3.4: Use case model for job employers

### 3.4 Logical Data Flow Diagram

Above all else we have presented about the whole image which we have use to draw the framework flowchart of the framework. The DFD clears up system essentials and recognizes genuine changes that will get the chance to be extends in structure diagram. It is Initial public offering Outline: Here we have select five unique images to start five distinct purposes.

- Input, Process, Yield Outline
- This is the sign the DFD, there are FIVE images:



This rectangular Defines a Input data

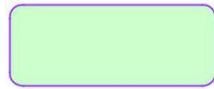
Identifies data flow from Job analysis to Retirement.



Represents a process that transforms incoming data flow into outgoing data flow.



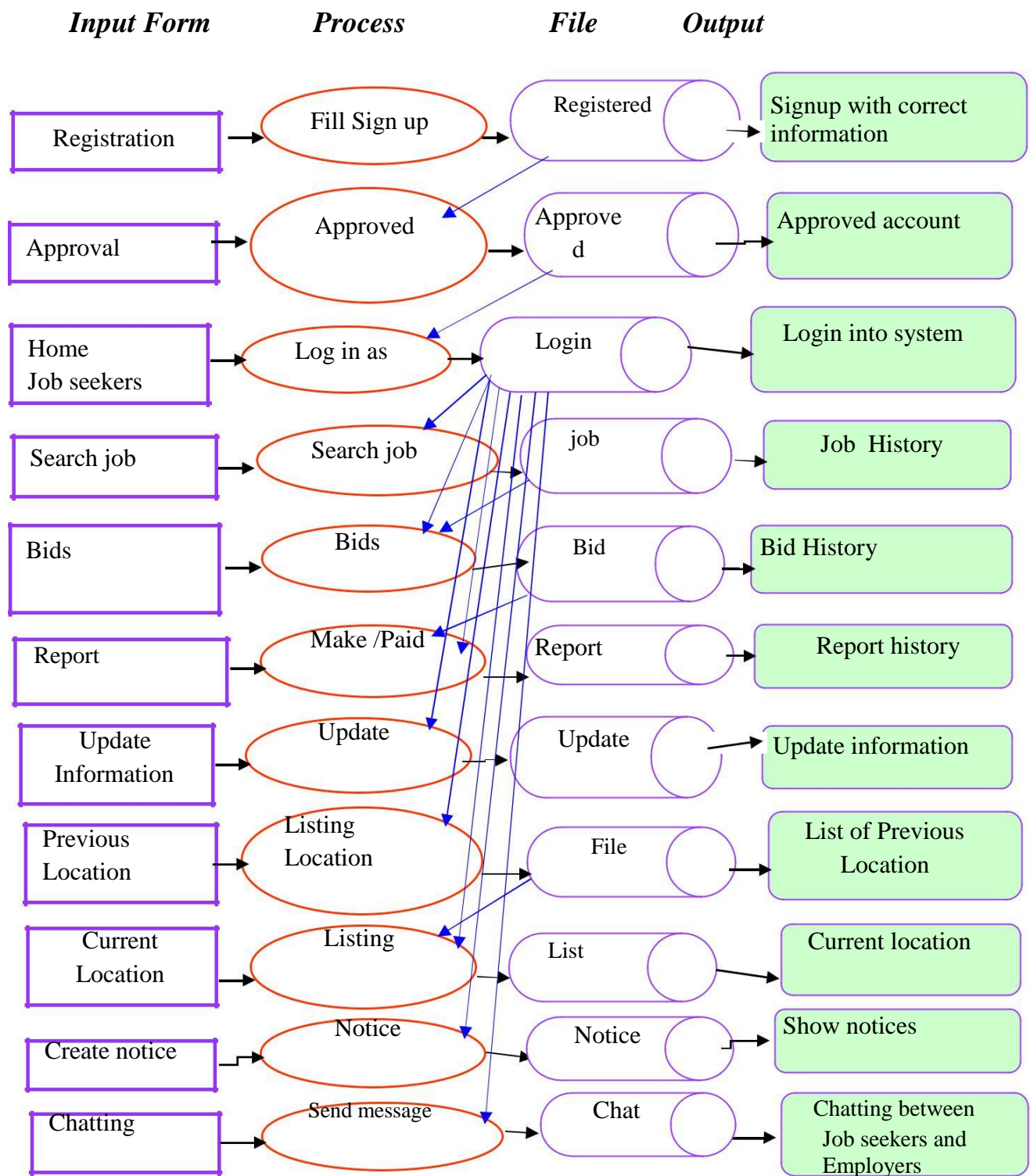
File store process data.



Identified Output Data.

To draw the system flow chart of labor Exchange we will use these diagrams.

### 3.4.1 Data Flow Diagram





### Fifure3.4: Data Flow Diagram

#### Design Requirements :

1. One computer with operating system
2. Android Studio
3. Any Browser
4. Google Firebase database
5. JDK , SDK tools
6. Java programming knowledge
7. Widget (Button, Edit Text, Image View, Text View)
8. Containers (Recycler View, Card View)
9. Layout (Linear layout, Relative layout, Constraint layout)
10. Library (photo view, circular image view, image Cropper) and so on.

## **CHAPTER 4**

### **Design Specification**

#### **4.1 Front-end design**

Our project front-end has designed by xml which various type of library .Card View, Recycler View and various type of layout. Most of the layout are using Linear Layout and Constraint Layout, Scroll View and so on. Here we are using Option menu in our project. Using widgets are Text View, Edit Text, Button, Image View, Recycler View, Card View, and also using Fragment. For alert System, We are using Notification system when the user Notify any type of work or messaging. For interactive design, we are using various type of library. Our whole project develop by java programming language with Firebase Database. First of all, this project have login, registration system with location. Location set manually in coding part. If, user do not login, they are viewing the job post and worker list in our project. When, the user login, seems to some functionality newsfeed, timeline, menu part. Every part contains different type's property and also parts are notifications, messaging, and setting part for update user information, change password and finally logout system.

##### **4.1.1 Login**

In PC security, a login alludes to the qualifications required to acquire access to a PC framework or other limited region. Hence, in this framework in other to gain admittance to the backend, the framework requires a client validation (login) for security purposes. The client will embed his username and secret key and after that he will go for login. In the event that such client exist in the database the framework will give the client access to the framework, if not the framework will demonstrate a blunder message to the client. This implies he can't approach the framework. The figure is appeared beneath in figure 4.1

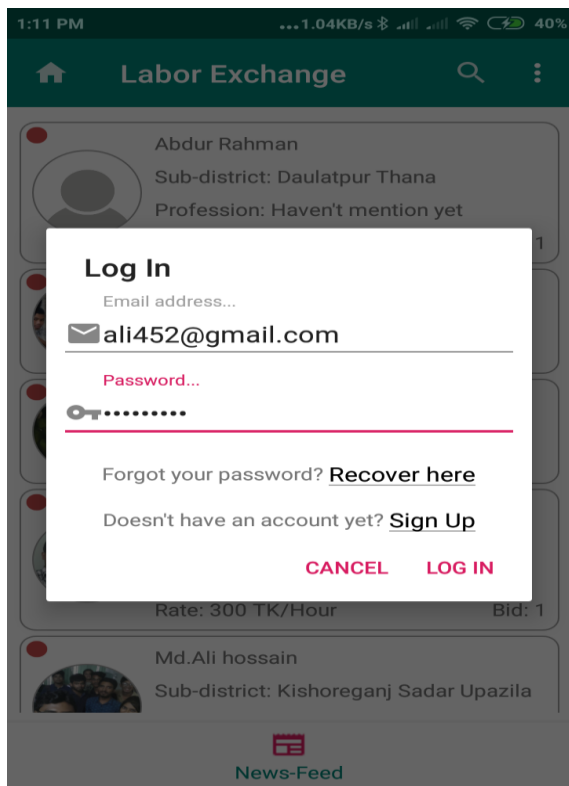


Figure4.1: Login

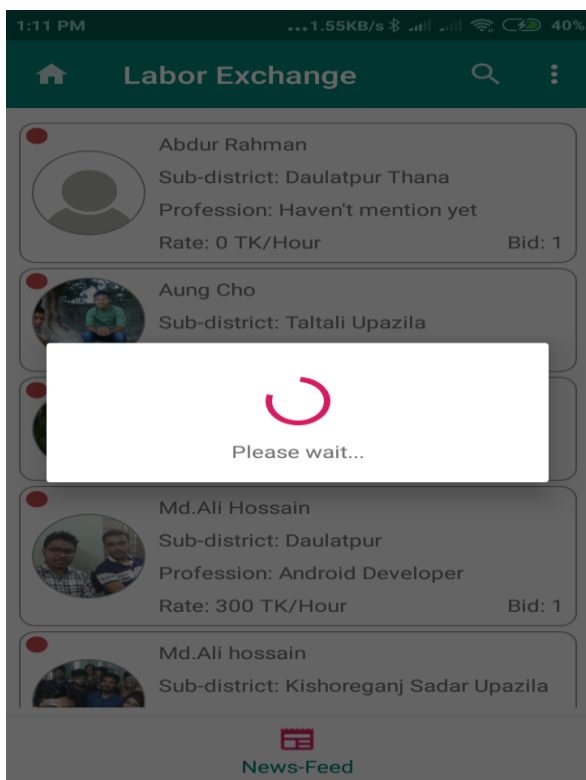


Figure4.2: Login process

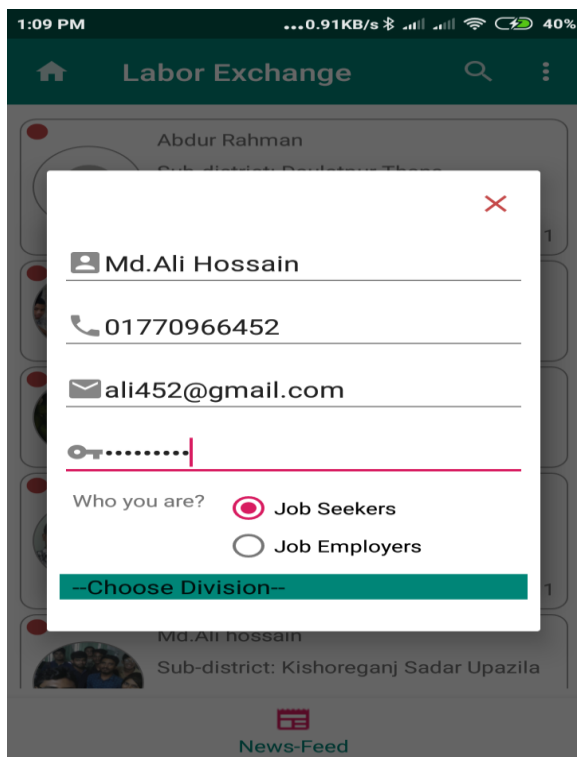


Figure4.3: Select Division for registration

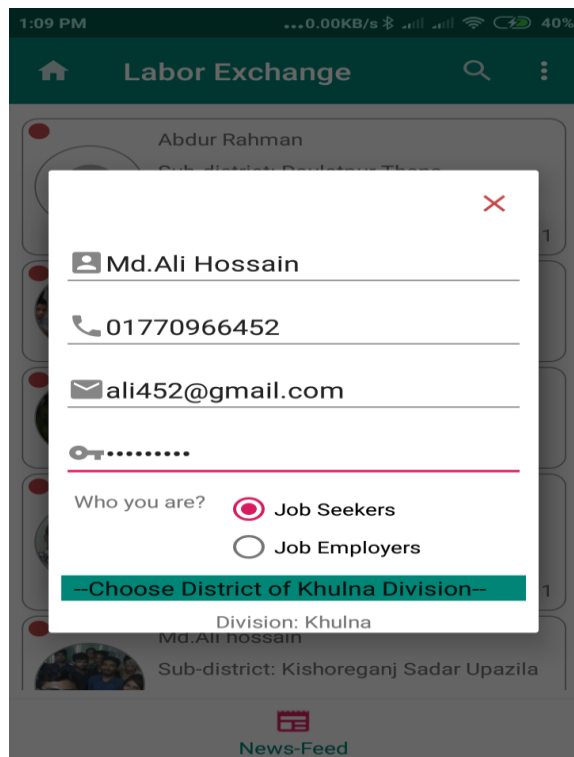


Figure4.4: Select District for registration

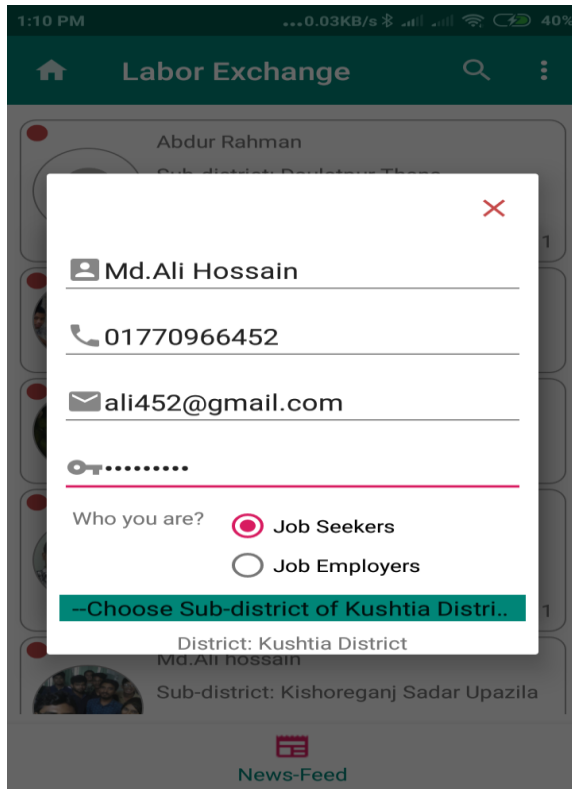


Figure4.5: Select sub – district for registration

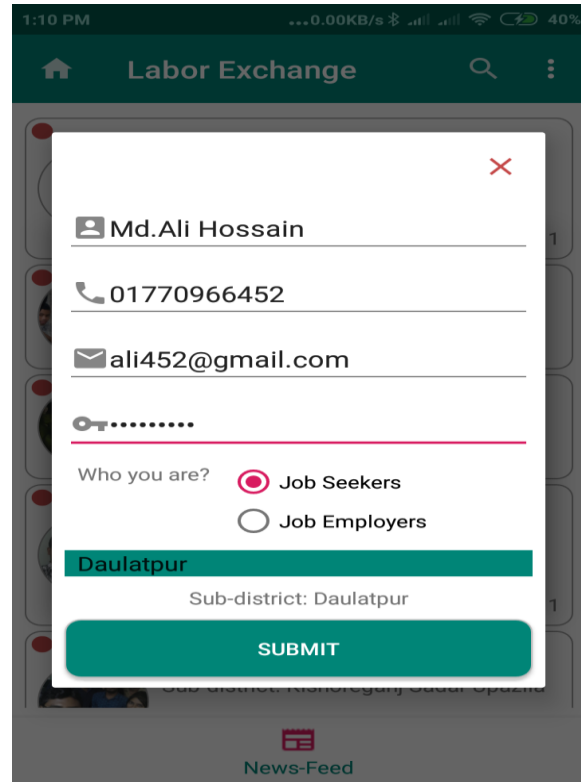


Figure4.6: Submit for registration

**After login:**

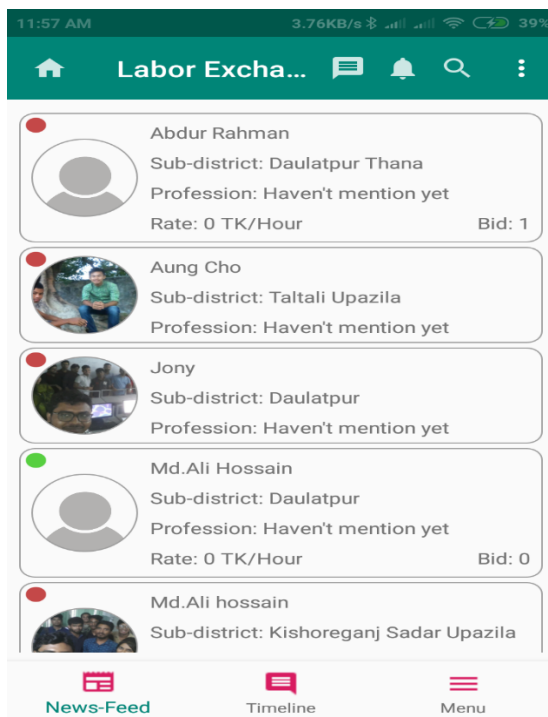


Figure4.7: After Login part-1

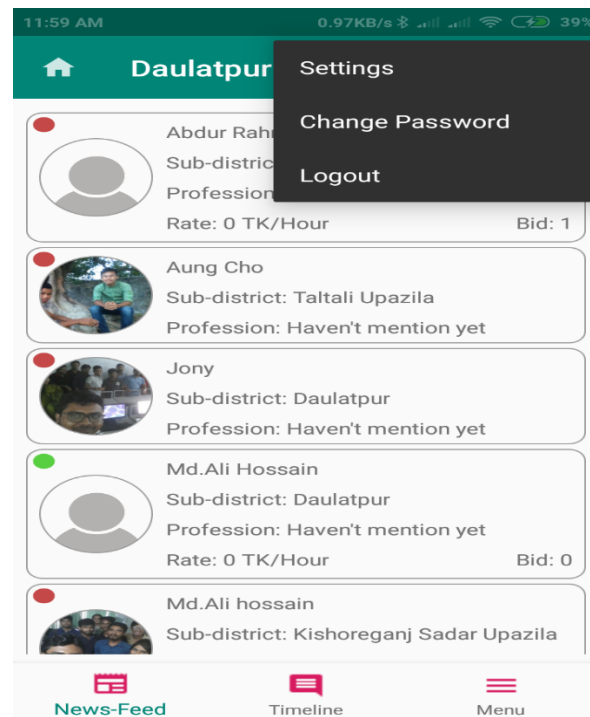


Figure4.8: After Login part-2

## Job employers' info:

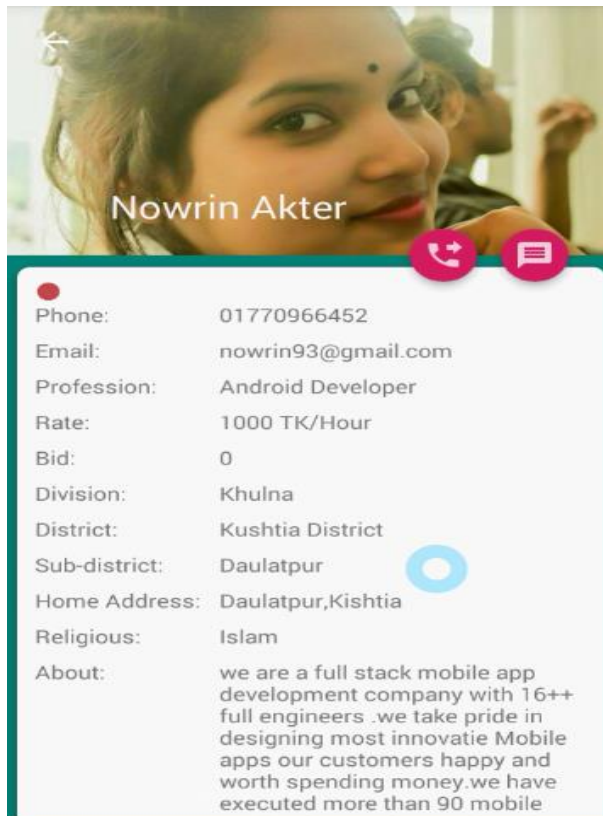


Figure4.9: Job employer's Profile-1

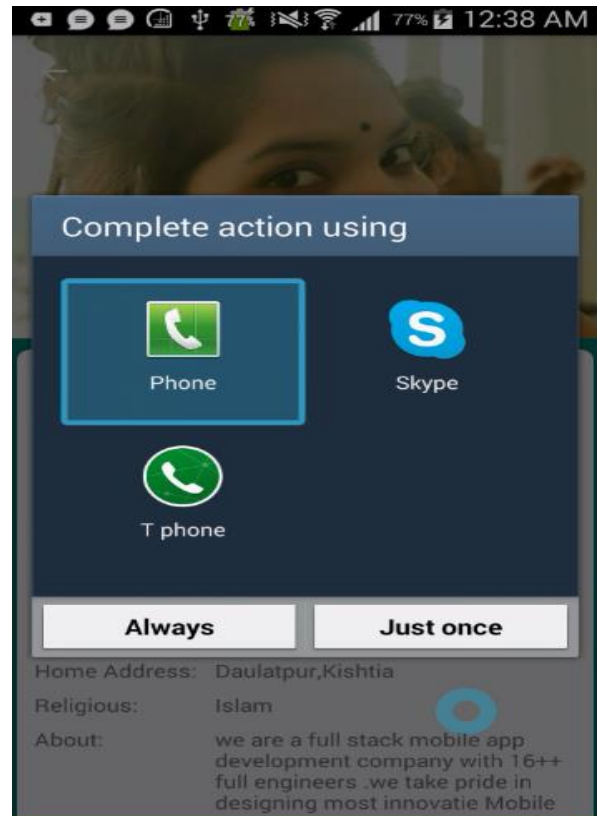


Figure4.10: Job employer's profile-2

## 4.2 Back-end Design

Our project back-end has designed by java programming with firebase .The firebase Real-time database is cloud hosted NoSQL database that lets you store and sync data between user in real time .cloud store enables to you store, sync and query app data at global scale. Real-time database sync makes to the data from any mobile, and it helps users collaborate with one another. We choose for our project Firebase Database. Firebase database is the world's most popular database. With it's highly performance, reliability and easy to use, Firebase database has become the leading database choice for Mobile Application is a real Time Database. Almost 45 pages of our project have content of back end means. In our project 6 child or table created to manage data. There are some core tables, some tables are temporary basis and user data contains by some tables.

Firebase have a strong bonding with NoSQL query language parsing, all logical instructions made by Firebase. User session creation and destroy are managed by Firebase libraries. Data transfer between pages are used various class of time. We are interested to mention some important task done by firebase point to point.

- Firebase creates session for users as well as validate user.
- Firebase have control over all data transferring User end to Saver end.
- All Logical assertion developed using Firebase code
- Loops, If-else and control statement done by Firebase
- Main algorithm wrote in firebase
- Firebase Database Reference, Storage Reference are the main class of Firebase that can be store information.

### **4.3 Interaction Design and UX**

Collaboration plan basic for any task what is extraordinarily an ideal principle between a framework and client. This is joined plan what will assist client with interacting with framework effortlessly. It causes client to spare their time. There have a few elements of portrayal of a framework or programming to clients what will improve client encounter. For example, Catch Names, Pictures, Typography, Symbols that guide in client collaboration.

### **4.4 Implementation of Requirements**

We need two kinds of requirements. The requirements are:

- Hardware requirement.
- Software requirement.

#### **Hardware Requirement**

One database server must be available to implement the system with following configuration.

- PC
- Real Time Database Instance (Authentication , Database, Storage)

#### **Software Requirement:**

- Any computer operating system (minimum update 2007)

- Android Studio SDK
- JDK
- Any browser

## **Server**

All the work happens on the server. A particular application, called a web server, will be in charge of speaking with the program. A social database server stores whatever data the application requires. At long last, we require a dialect to agent asks for between the web server and database server, it will likewise be utilized to perform automatic undertakings on the data that comes to and from the web server. Obviously none of this is conceivable without a working framework. The database server, programming dialect, and database server we utilize must function admirably with the working system .All the data store on the server. We are utilizing as a server \_Google \_Firebase. Here, all data of client, pulverizing report, number of clients all data are known .Firebase is a constant database store whatever data of the application.

## **CHAPTER 5**

### **Implementation and Testing**

#### **5.1 Implementation of Database**

Database is an important for every project where store all information such as user info, various types of data, file, image similarly, we are using database but it will real time database that name is firebase. We know many database management system are using worldwide. We choose for our project Firebase Database. Firebase database is the world's most popular database. With it's highly performance, reliability and easy to use, Firebase database has become the leading database choice for Mobile Application is a real Time Database.

Mainly 3 part of our Database:

1. Authentication
2. Database where are stored message, notification, notification count, posts, Reports and user info.
3. Storage Section are stored images

We are showing a figure 5.1 is authentication part, 5.2 is database stored part, and 5.3 is storage for images. Which will show table name with its purpose and a list of items to which this tables belongs with. First of all, Environment setup for firebase. So, in this case, we go to firebase console and create a project and give a name, the name is labor exchange. And set up library in android studio.

Here, in our database 6 tables and every table has multiple columns and every columns declared different attribute which are help to implement our system.



| Identifier                    | Providers | Created      | Signed In    | User UID ↑                    |
|-------------------------------|-----------|--------------|--------------|-------------------------------|
| alihossain.cse2015@gmail.c... |           | Nov 20, 2018 | Nov 20, 2018 | 86FJWCluC8Q1xrUjZsZtrC1Ljvg1  |
| mahp.milon@gmail.com          |           | Nov 4, 2018  | Nov 4, 2018  | BDzbMIHft3U2eNHqKCMRXUSmA...  |
| thanaungkyow@gmail.com        |           | Nov 3, 2018  | Nov 16, 2018 | F4sB7HBjbJXy612baclG5BveydG2  |
| ali452@gmail.com              |           | Nov 20, 2018 | Nov 20, 2018 | JN8oNW3hwUddfhlcuGKEfkzjb2r2  |
| ali@gmail.com                 |           | Nov 3, 2018  | Nov 8, 2018  | Knw19kZqFhMcaeuYJjhWn9sA6F93  |
| ali.hossain@gmail.com         |           | Nov 4, 2018  | Nov 4, 2018  | L8Q6wXTsWzXLHpo5cwlDFFdiaG2   |
| aungcho@gmail.com             |           | Nov 3, 2018  | Nov 18, 2018 | QL3U4ks449XKQGYEAJBNUsg7zh... |
| noman@gmail.com               |           | Nov 9, 2018  | Nov 9, 2018  | Uki0JP7198Vq1H2b2ill1NcYrE83  |
| ali.cse@gmail.com             |           | Nov 4, 2018  | Nov 9, 2018  | bdPRNMM4AHYbhiW75TV3dH2Le...  |
| mong@gmail.com                |           | Nov 3, 2018  | Nov 19, 2018 | efQeuQBB0BS0c1IXoV2nbi2SDLk1  |
| admin@gmail.com               |           | Nov 3, 2018  | Nov 3, 2018  | mAMfFhKA8dULevBzieYltChdE22   |

Figure 5.1: Email Authentication

| Messages  |
|---|
| <ul style="list-style-type: none"> <li>BDzbMIHft3U2eNHqKCMRXUSmA5k2</li> <li>F4sB7HBjbJXy612baclG5BveydG2</li> <li>JN8oNW3hwUddfhlcuGKEfkzjb2r2</li> <li>Knw19kZqFhMcaeuYJjhWn9sA6F93</li> <li>L8Q6wXTsWzXLHpo5cwlDFFdiaG2</li> <li>QL3U4ks449XKQGYEAJBNUsg7zhV2</li> <li>Uki0JP7198Vq1H2b2ill1NcYrE83</li> <li>bdPRNMM4AHYbhiW75TV3dH2LeUG3</li> <li>efQeuQBB0BS0c1IXoV2nbi2SDLk1</li> <li>qHVYIUhkM0VSmp91NOD3zYID25y1</li> <li>utkDHIsM9wOrsVQNVoszaewm3UI1</li> <li>xabL6ihq1mRbzxXL4enuUCky57f2</li> </ul> |
| NotiCount   |
| Notifications   |
| Posts   |
| Reports   |
| <ul style="list-style-type: none"> <li>1541410429753</li> <li>1541410439839</li> <li>1541410470359</li> <li>1541410470359</li> </ul>  |

Figure 5.2: Database part

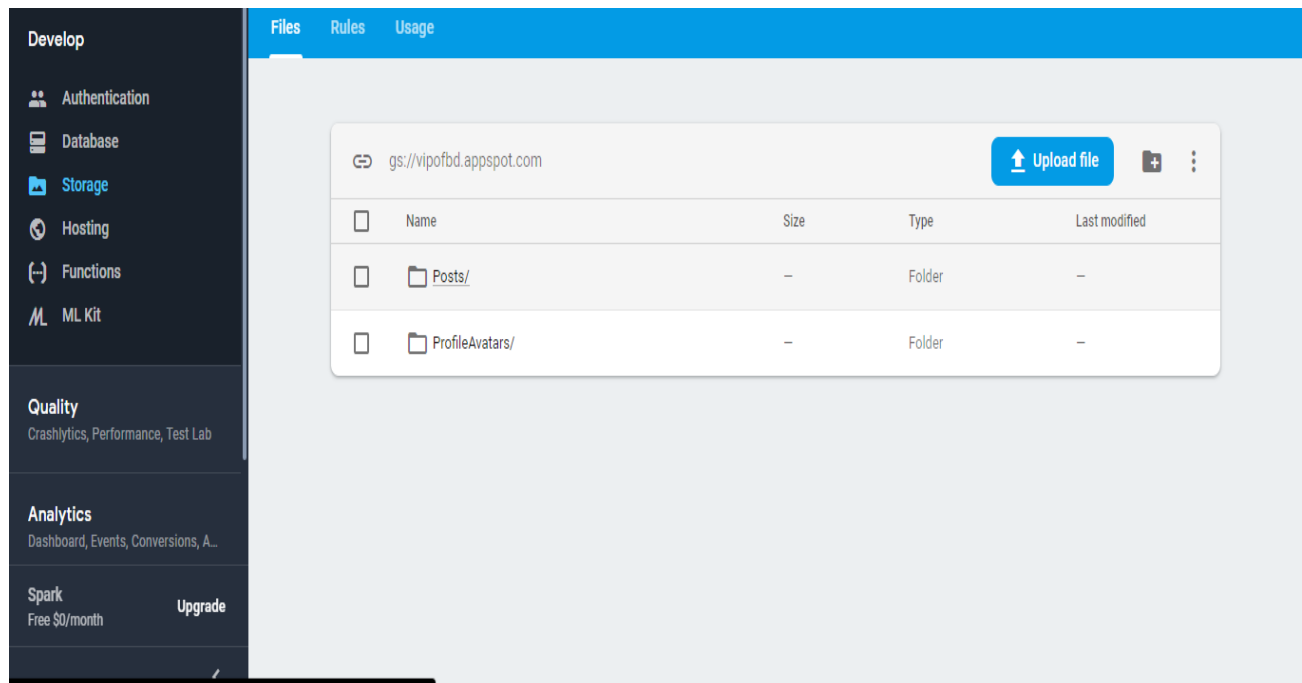


Figure 5.3: Storage part

## 5.2 Implementation of Front-end Design

### Admin

We already see after login to the system admin dashboard (figure 4.6) and admin can see the list of user, job seekers and job employers. Admin can make action (figure 4.5) and also check out the list of administration account. Admin can search as requirement of their necessary. Here given the all figure about the feature of admin .As an admin can see all information the current and previous and also check profile of user.

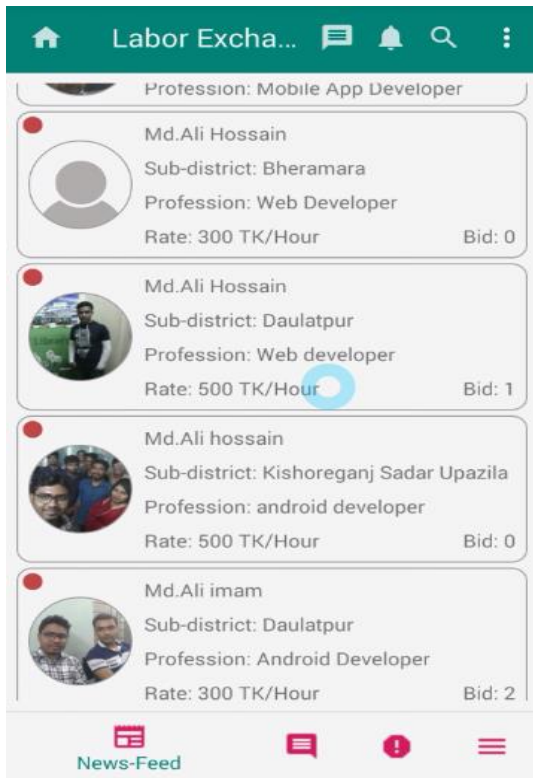


Figure 5.4: Admin part

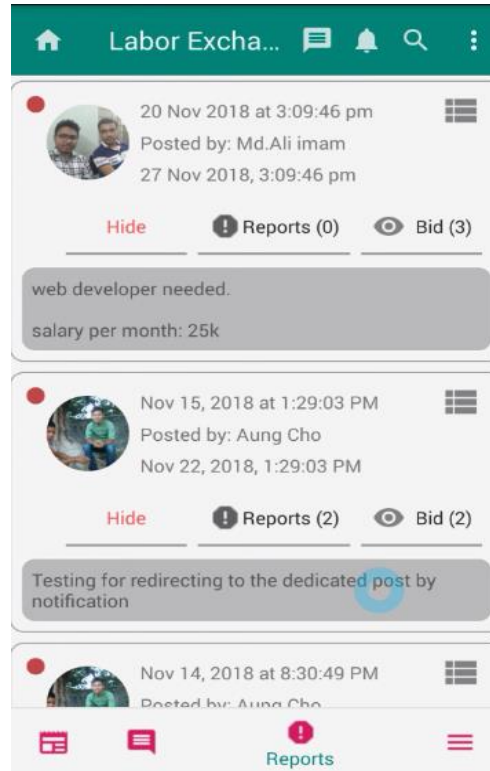


Figure 5.5: Report Section

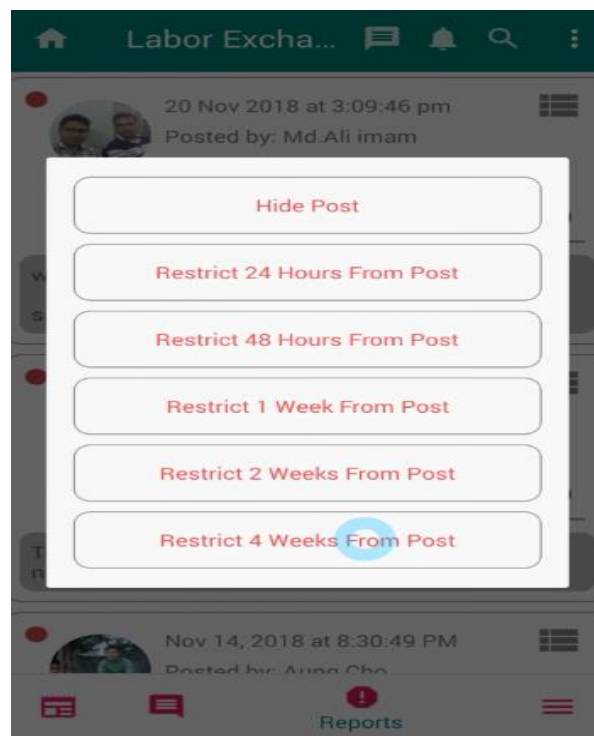


Figure 5.6: Restriction part

Newsfeed part:

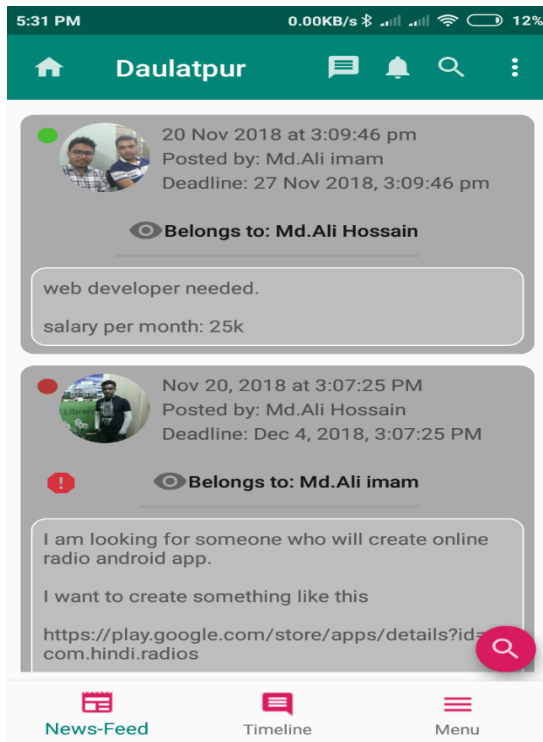


Figure 5.7: Searching job part1

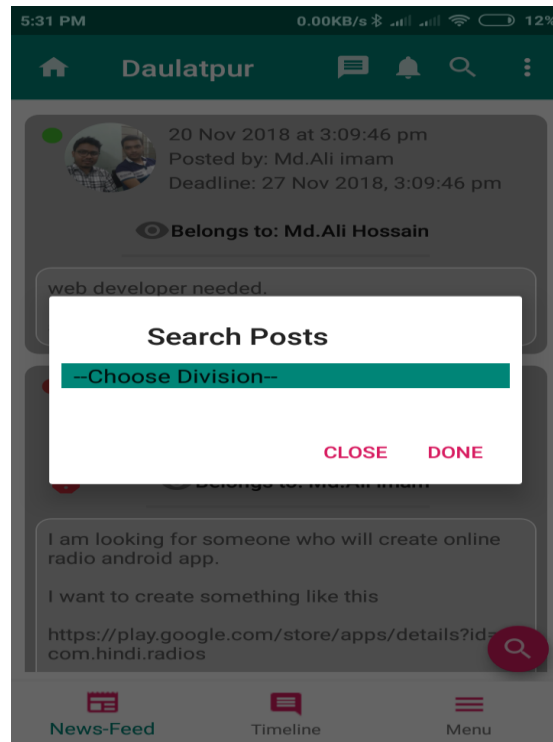


Figure 5.8: Searching job part2

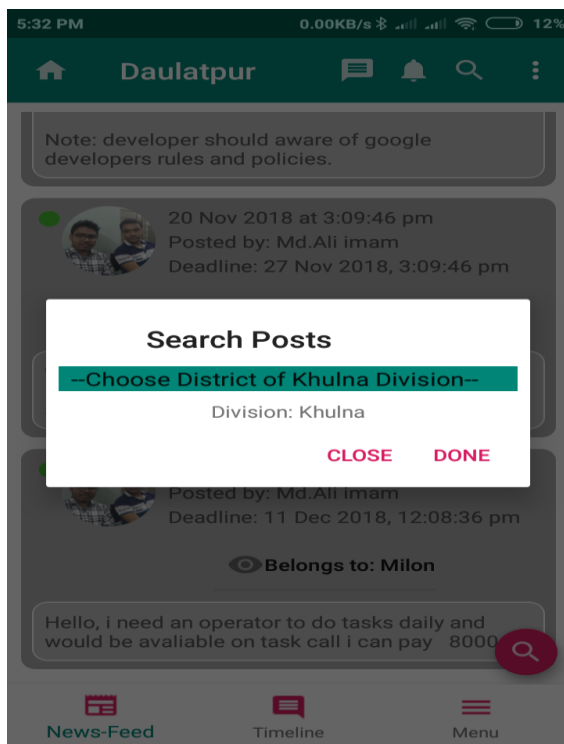


Figure 5.9: Searching job part3

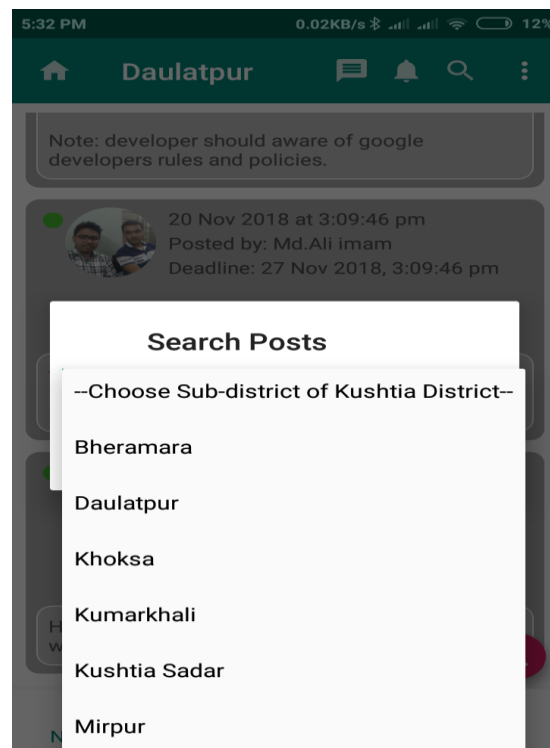


Figure 5.10: Searching job part4

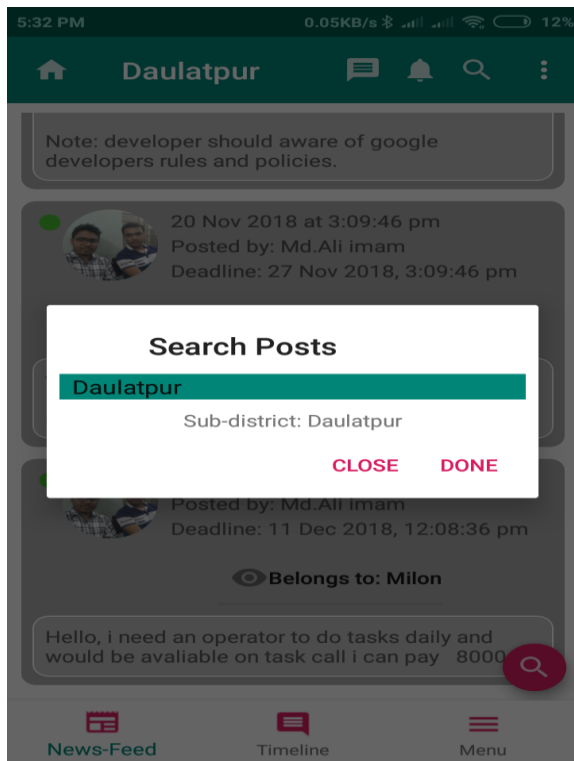


Figure 5.11: Searching job part5

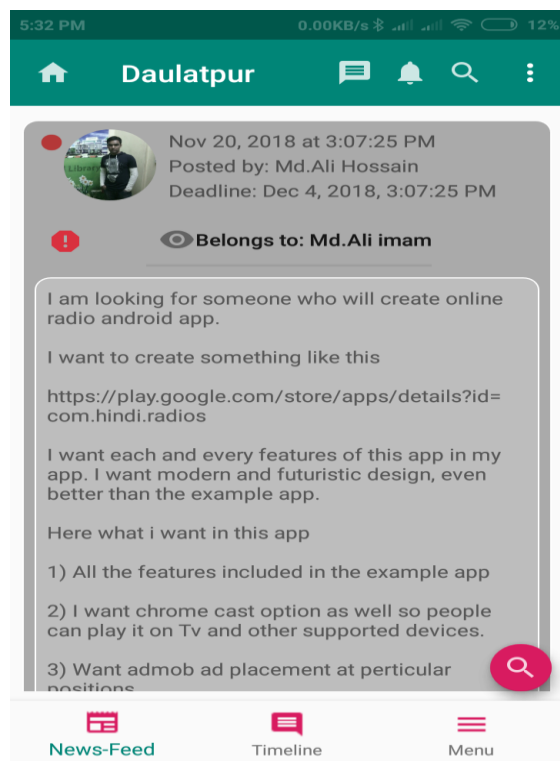


Figure 5.12: Searching job part6

Timeline:

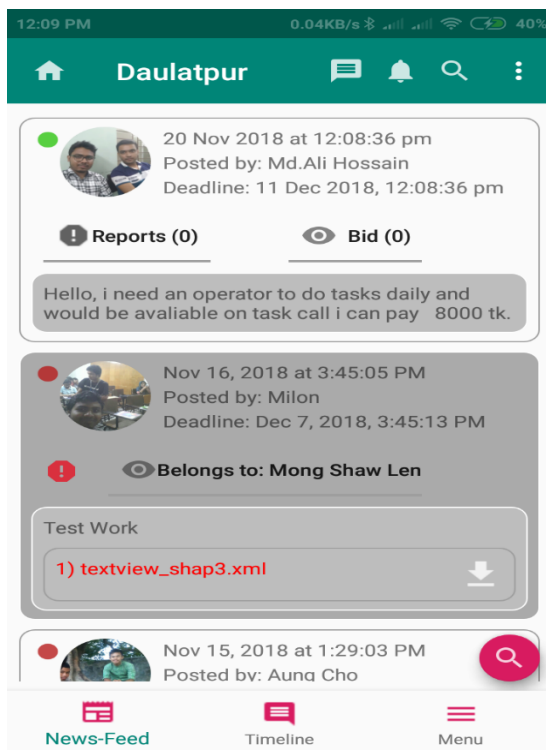


Figure 5.13: Timeline part1  
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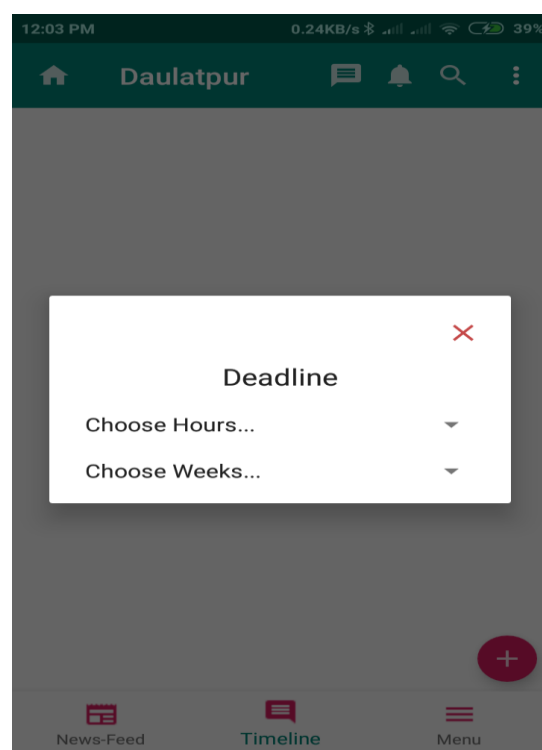


Figure 5.14: Timeline part2

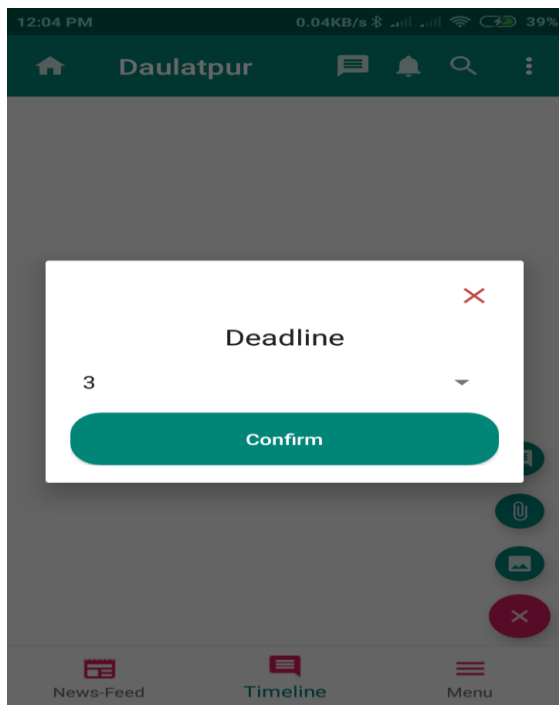


Figure 5.15: Timeline part3

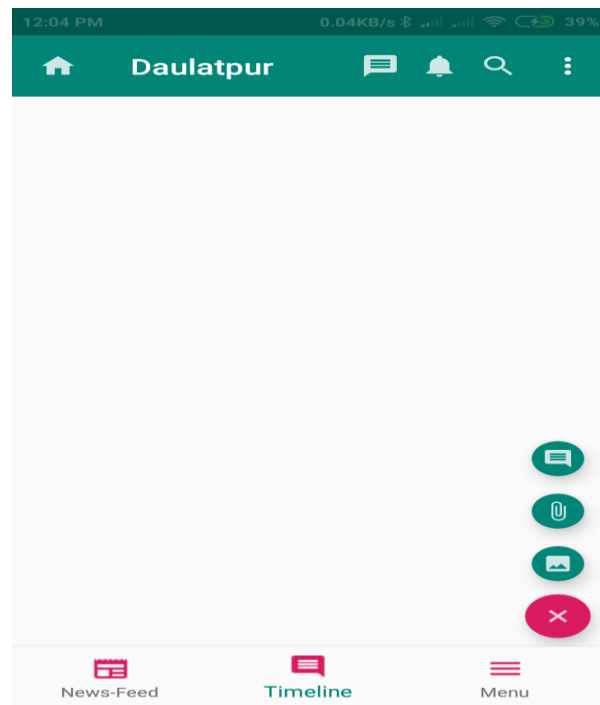


Figure 5.16: Timeline part4

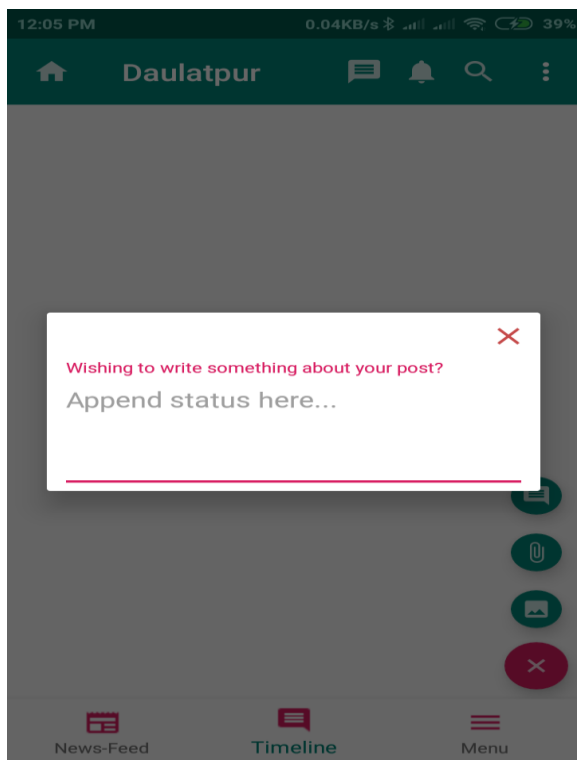


Figure 5.17: Timeline part5

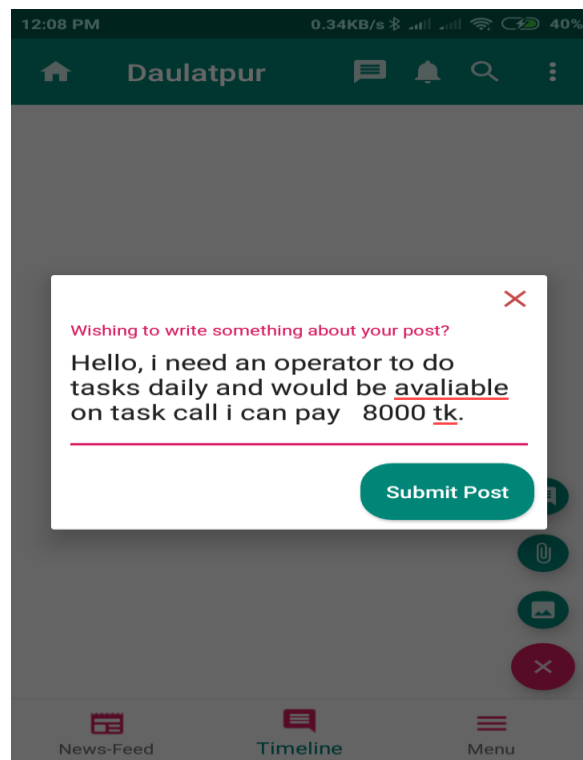


Figure 5.18: Timeline part6

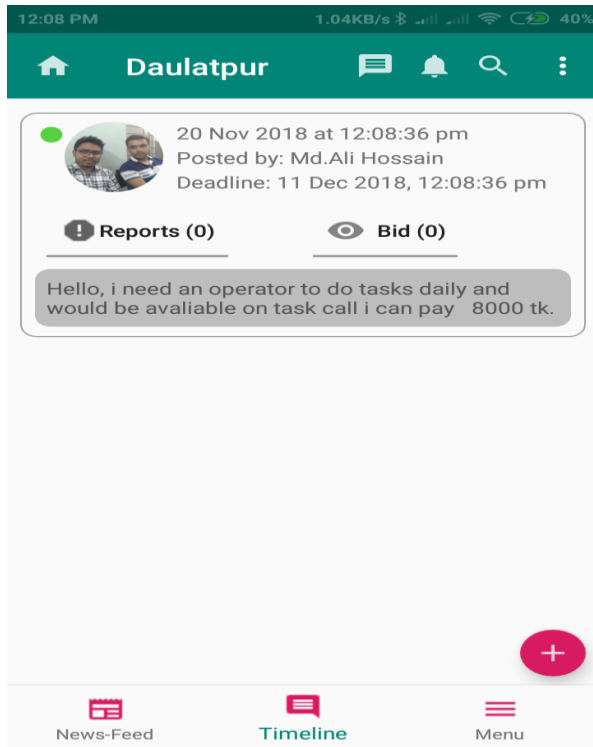


Figure 5.19: Timeline part7

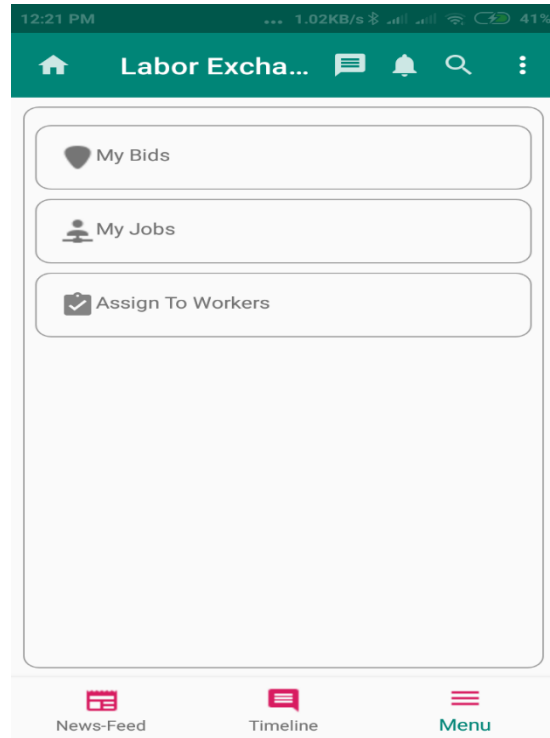


Figure 5.20: Menu

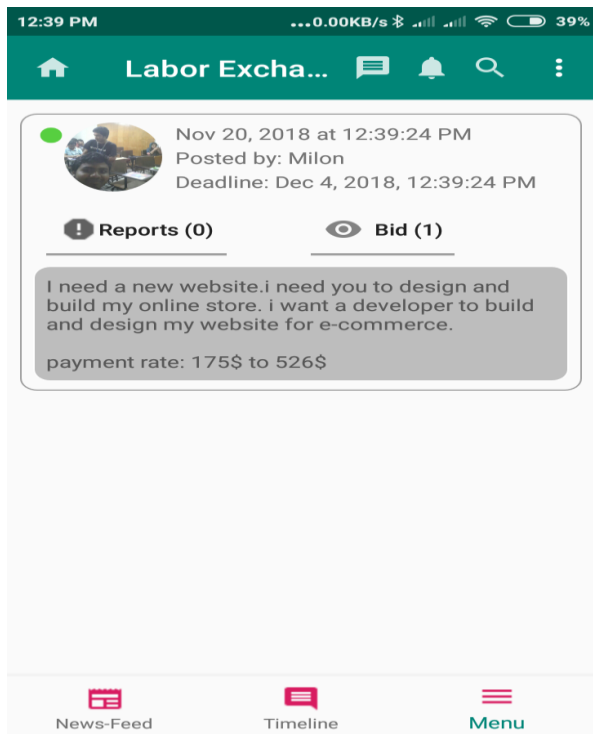


Figure 5.21: My bids

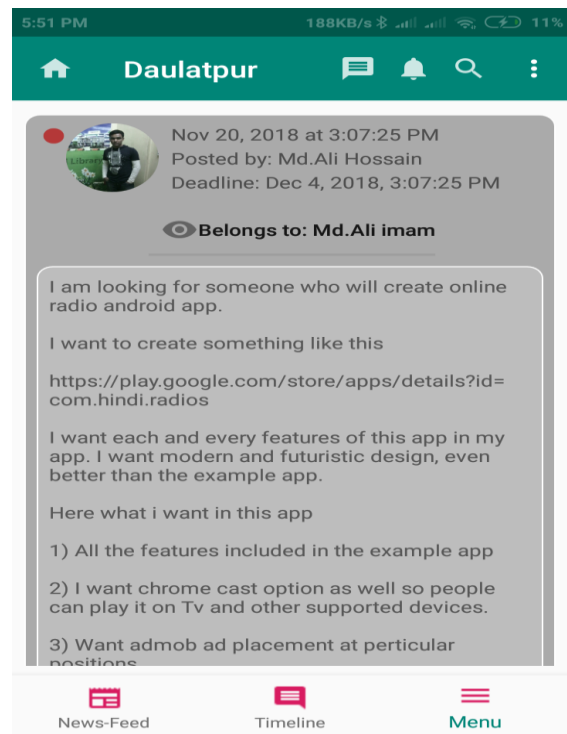


Figure 5.22: My jobs

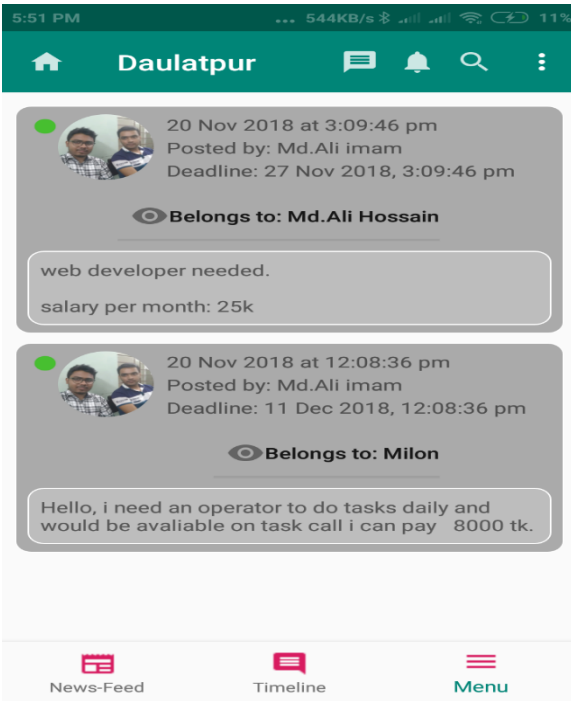


Figure 5.23: Assign to work

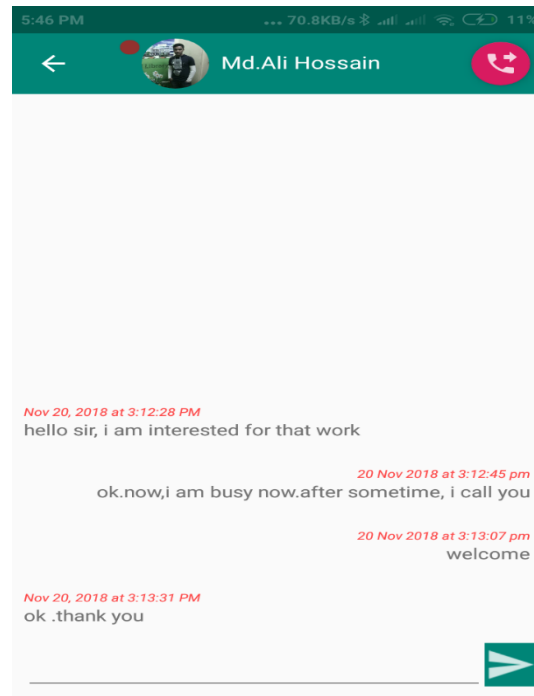


Figure 5.24: Messaging

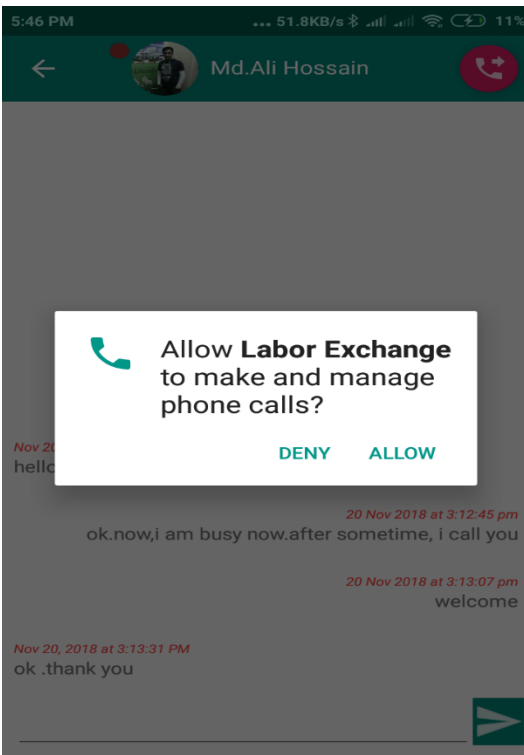


Figure 5.25: Calling part inside messaging

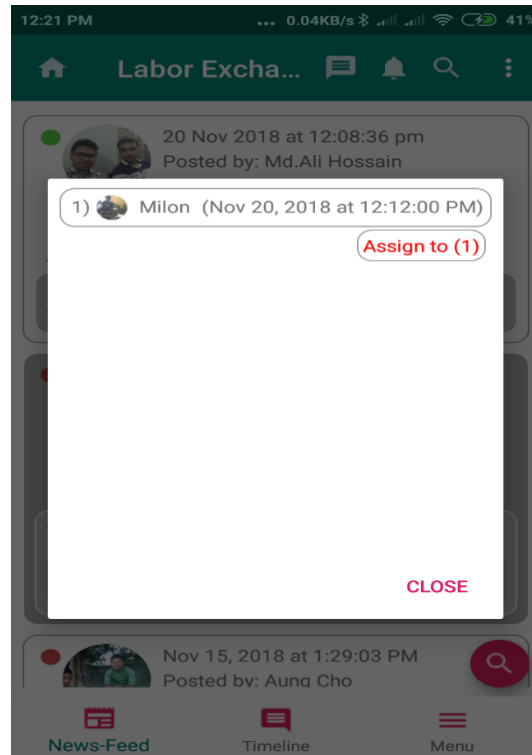


Figure 5.26: My Bids to assign work



Profile part:

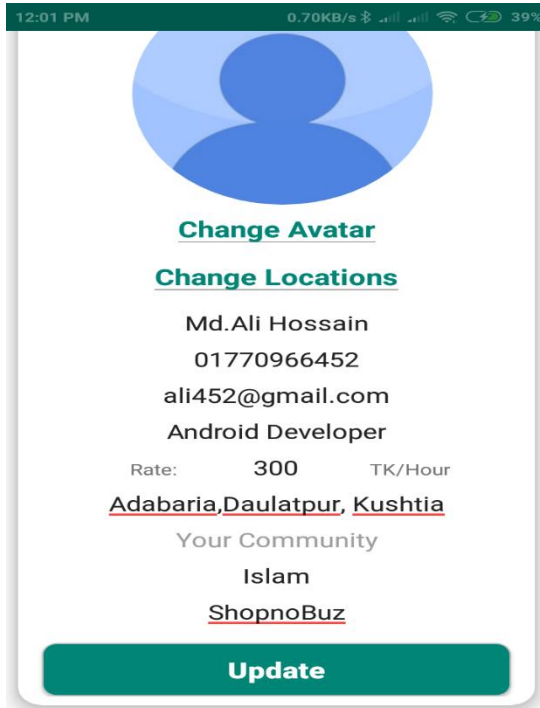


Figure 5.27: Profile part 1

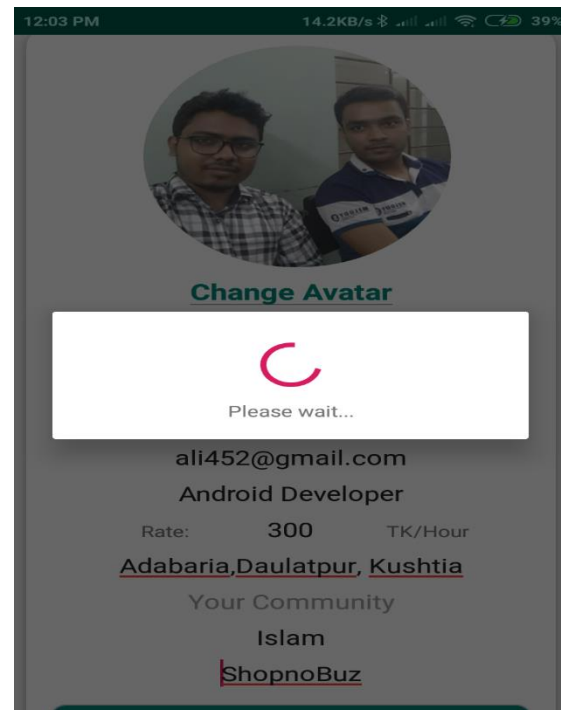


Figure 5.28: Profile part 2

Notification part:

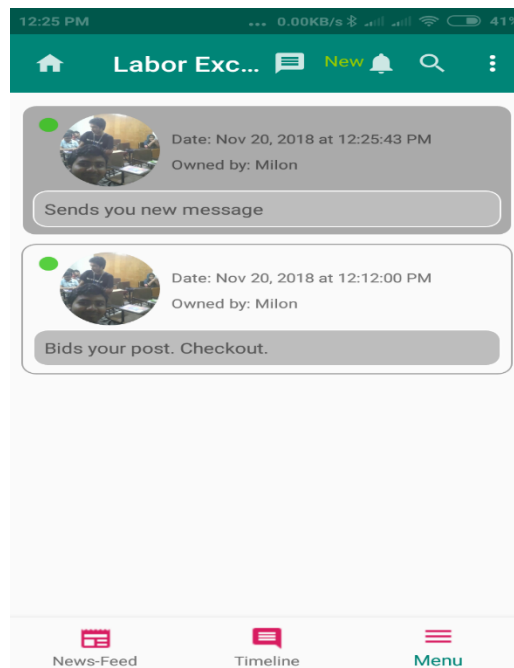


Figure 5.29: Notification part

Search part:

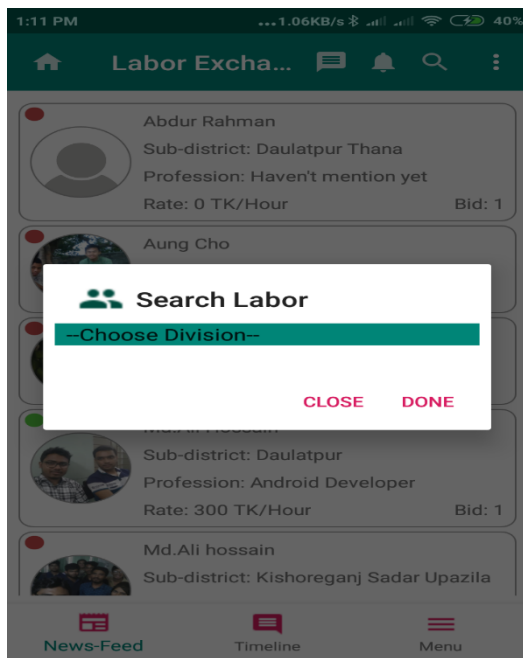


Figure 5.30: Search labor part 1

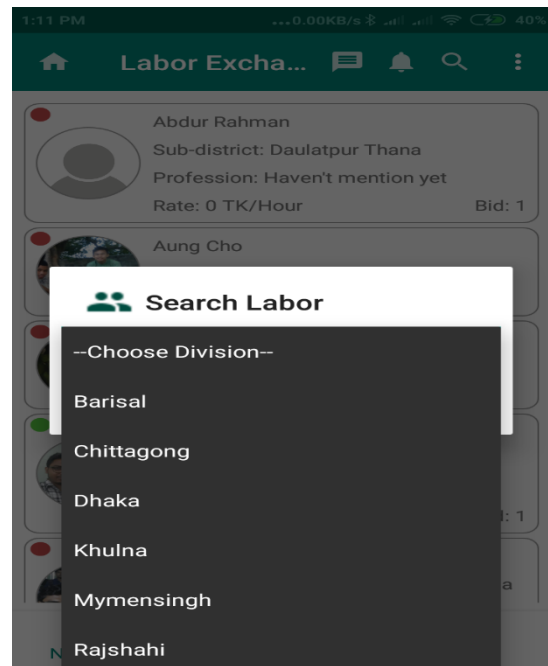


Figure 5.31: Search labor part 2

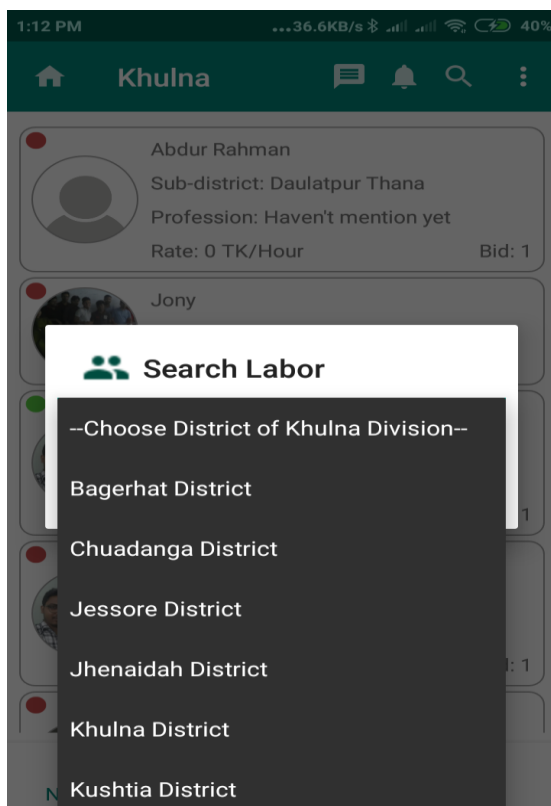


Figure 5.32: Search labor part 3

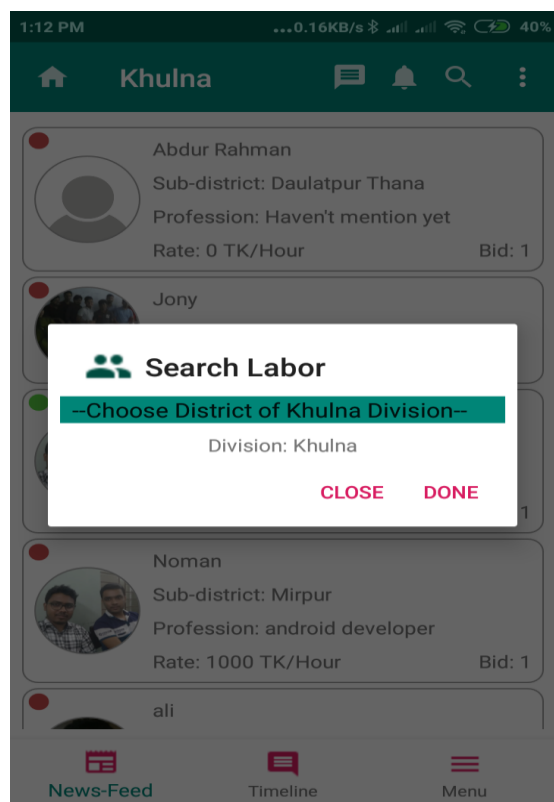


Figure 5.33: Search labor part 4

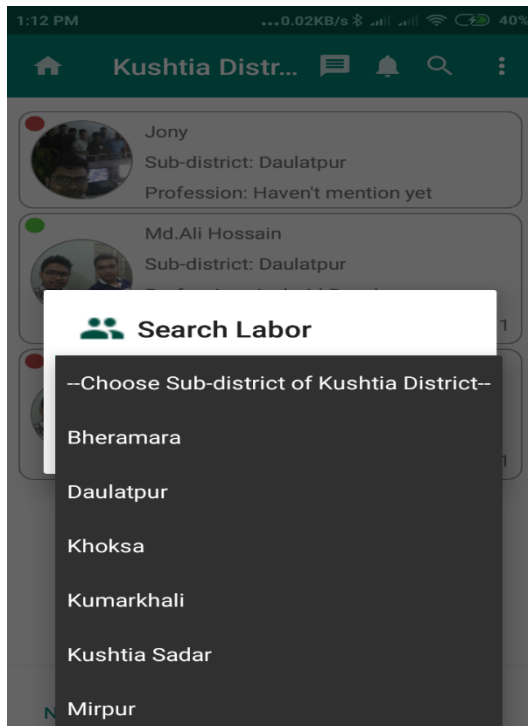


Figure 5.34: Search labor part 5

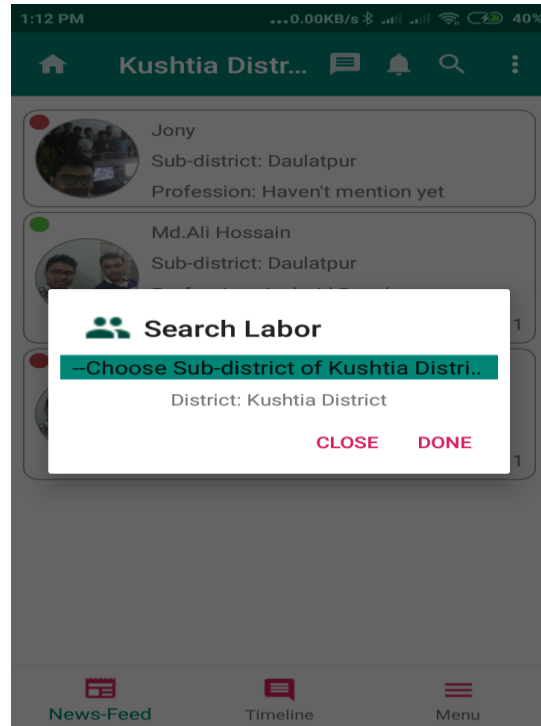


Figure 5.35: Search labor part 6

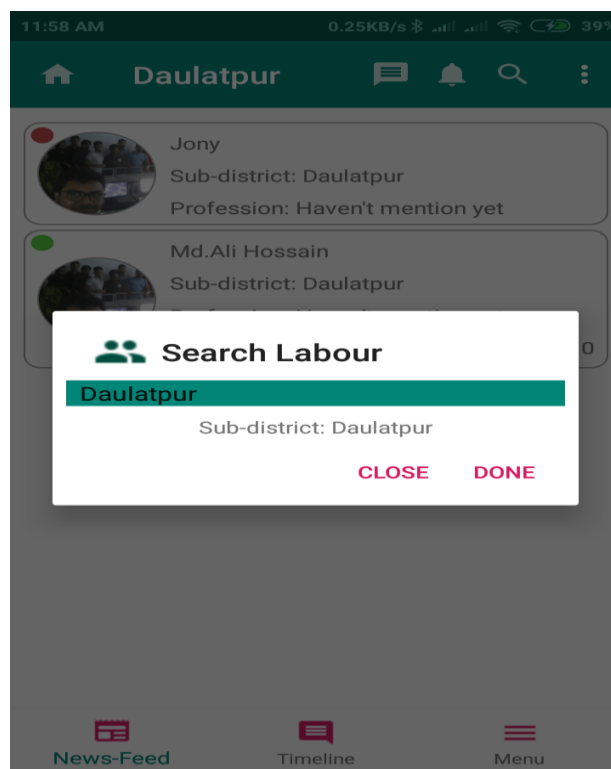


Figure 5.36: Search labor part

### **5.3 Implementation of Interaction**

To make our system (All in one hospital management system) we have implemented interactive UI for better user experience. In many cases we have used interactive icon rather than text link or button. The system design designed with sequence of consecutive steps to help people for understanding.

Implementation of Interactions is common task for all development projects. As our project is a web base project so many resources and user activity need to interact. Here we use database like any type of real time database. And our project maximum task is related to data. So every time server and client communicating to each other's. Data read, write and modification, data fetching all are ongoing many of the activity. Data transfer between page to page also take places.

### **5.4 Testing Implementation**

Testing is a set of activity that can be planned in advance and conducted systematically. Developer of the software and an independent test group conducts testing. The software should be tested for expected result and efficiency after implementation of the system. Because during implementation everything may not be done according to the system design. So without testing those errors cannot be detected and then corrected. Therefore system testing is very important phase of a system development.

#### **5.4.1 Test plan**

Before testing begins, a test plan is created. A typical test plan documents input values for the test, procedures used to perform the testing and the expected output values or results. Test plans range from very simple to very complex, usually in relation to the Complexity of software processes which are to be tested. For instance, testing whether new user prompt is added to a screen may not require a test plan at all, while testing a complicated process may require documenting many varied input scenarios and the corresponding expected results and outputs for each case. During testing, the test plan is updated to log test activities, results and variances with what was originally expected.

### **5.4.2 Unit Testing**

Unit testing focuses verification effort on the smallest unit of the system design the software component or module. All the inputs taken each module will be tested by testing data and different in results before and after adding validation will be shown.

Different tests are conducted as part of unit testing are as follows:

- Interface testing
- Local data structure testing
- Error handling paths testing
- Boundary condition testing
- Independent paths testing
- Execution path testing

During the design of the system we had conducted these tests frequently.

### **5.4.3 System Testing**

System testing involves testing of the complete set of application program. This testing will be carried out to ensure that the program can be meet the demands of users. If would check the functionality of the proposed system. The test would pick the areas that need to be modified any omission or deficiencies in the way the system works. We develop one particular feature and try to test it and if it's not work right we go through the coding or implement it on the browser again and again until it work properly. Needed to check core point is the website will help to do all core functionalities. Content support and cross-site and cross-domain checking issues also needed to be considered.

## **5.5 Test Result and Report**

Results are the main concern of our project. First of all our project is result oriented. Every project needs an output as a result. As per our testing experience we have found all expected results. We performed required test cases according to development criteria. Different test cases have made for a specific process and stored all test case results accordingly to interpret all result. This will help to make decision with better level of accuracy. We have made cycle wise and automated testing to make better decision. Once test results are deliverable, then it has been released. A test result should be evaluate according to DOD (Definition of done) of specific part of a project.

## **CHAPTER 6**

### **Conclusion and Future Scope**

#### **6.1 Discussion & Conclusion**

Toward the finish of our task we are just say that, this project is intended to develop an Android based application on online which will provide easier communication between Buyer and client. The proposed project is an Android based application which try to help The people to find out worker any time any place. We want, every type of people as if Find Worker any place within using our mobile base application.

The main goal of our project that we build up an online base android application where Post Job by job employers and find out job seekers. Similarly, job seekers post job and Find job Seekers. Any problem of job seekers and job employers report to misbehave or Their fault. For this, admin stop the work times job seekers or job employers. They are Easily register the App and find out their workers .In modern times it is very beneficial For people.

#### **6.2 Scope for Further Development**

We will arrange security for the public if the harassment is not accepted and try to create A complete system for job seekers and job employers as security issue. We will provide as Much protection as possible for the public. We will try our level best that we fulfil the Requirement that we proposed.

- Security problem will be strong (NID/Birth Id)
- More Interactive Design
- Important job list added

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