ARTIC - JOB

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Abstract: In today's scenario, companies hire people according to their skills and experience. Even though most of the people don't make up to the companies. Due to this most of the people in our society are jobless and are in need for jobs. These people are in search for some source of earning money. But still it becomes very difficult for people to find jobs according to their need and their skill set. Hence, they need a platform in which they can find people to whom they can work for and earn. Hence, this application is mainly concerned with the local people around the globe who are jobless or want to work as a part time. The main motive of the application is to provide services at affordable prices at local levels. The application will be divided into two parts, Artic jobs Customer and Artic jobs Partner. The customer application would be used by the people who are in need for the services, whereas the partner application would be used by the people who are need for the job.

Index Terms – **Two major applications, services etc.**

I. INTRODUCTION

Artic – Job is basically divided into two Application – Artic Jobs Customer, and Artic Jobs Partner. Artic – Job Customer is a flexible application on which users/customers can hire people to perform services like - Electricians, Plumbers, Doctors, Drivers, Painters, Maids, Computer Technicians, Mechanics, Cleaners, Delivery Boys etc. This application suggests users with different services available, with affordable prices. Any service chosen by the users, lists down all the partners available for that service at user's location. To make use of the Artic – Job Customer application, User just has to register with appropriate details.
Artic – Job Partner is a public exposure, freelancing platform, on which people can earn as Part time service providers. People can perform services based according to their skills, knowledge. Some of the services people can perform on this application are – Electricians, Plumbers, Doctors, Drivers, Painters, Maids, Computer Technicians, Mechanics, Cleaners, Delivery Boys etc. This application also helps people to edit and update their profile according to their skills and interest of work. When a service is successfully done the money paid by the customers are temporarily stored in the Artic – job wallet and later transferred to their respective bank accounts. To get started with the Artic – Job, the partner only needs to get registered with necessary information and details. After a successful registration the user is displayed with people around him who are in need for services.

II. PROPOSED ENHANCEMENT

In the Artic job Customer application, the user will be registering with his details, for the authentication purpose. After the successful login the user can search for the required service provided by the application, and then with the help of google maps API he will be displayed by the list of partners who can deliver/perform the required service by the user at an affordable price. Similarly, the Artic job partner application, will also have a registration process, where the partner has to authenticate himself and login. After getting logged, the partner will also be displayed by the list of users available who need people to perform their tasks/services. The idea behind this application is to help the jobless people who have skills but are unable to perform at the companies and organizations since they have a tight competition. Hence this application will help people get earn money as a part time or full time.

III. PROBLEM STATEMENT

In today's world, the need for skilled people are in demand. Even been skilled enough, people are jobless or it gets very difficult for them to find jobs in this crowed population. Similarly, the people need help of another people at anytime and anywhere. They won't be just go searching for the people around them who can perform or do their work at certain charges. Let's take an example of a man driving a car where his car gets suddenly stopped and he is not aware of anything, not about the technical stuff of the car, and also not about the location for which he can search for a garage. To overcome such problems, we can have an application where the man just has to search for the required service (in the above example, the service can be Mechanic) and according to the location based of that man he will be displayed with all the possible people with the skill set of mechanics or automobile engineers who can help him out at some certain charges. Basically, this system / application can help people a lot at their bad times when they are not aware of the situation, this application can make their tasks easy and cost efficient.

IV. LITERATURE REVIEW

The concept of this application got originated from two different existing applications. One being Dunzo and the other being UrbanClap. Here the Dunzo application deals with the food delivering system, where the user orders the food from their application and a local is then hired for this job to deliver the food to the drop location safely. Whereas, the UrbanClap application works completely different from the dunzo. This application provides services to the people at their doorsteps, but here the service provider is actually their well-trained professionally hired men.

V. METHODOLOGY

I. List of Methods and Classes used for application development:

1. Bottom Navigation – The activity in this application helps in users to navigate from home activity to settings activity.
2. Recycler view – This is used to display details of the partners available at your current location for performing the services.
3. Rating bar – This is used to take the feedback from the users in the form of star system.
4. Google maps API – Maps API is used to find the current location of the user and also the current locations of the partners. The maps API is also used to get directions to the user from the partner application.
5. Firebase – Firebase is a real-time database and is used to store the data for the partner application and also for the authentication purpose

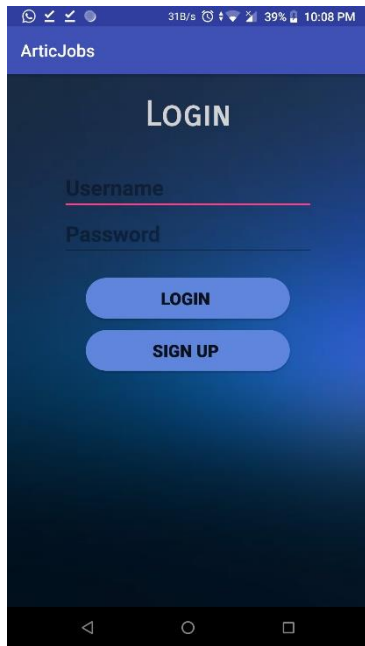### *II. Working of Application*

Artic – Job Customer –

1. Application gets launched with the authentication screen, where the user needs to enter his/her Username and Password to login into the application. If the user is not yet registered with the application then he has to register himself/herself using the signup button.
2. After logging in successfully, the user is displayed with the home and settings activity where the user will be on the home activity by default.
3. Here, in the home activity there will be a floating search bar where the user can search for the required service. As well as the services will be displayed in the form of recycler view.
4. In the settings activity, user will have an option of Edit profile and Themes where he can change the color theme of the application to dark and white.
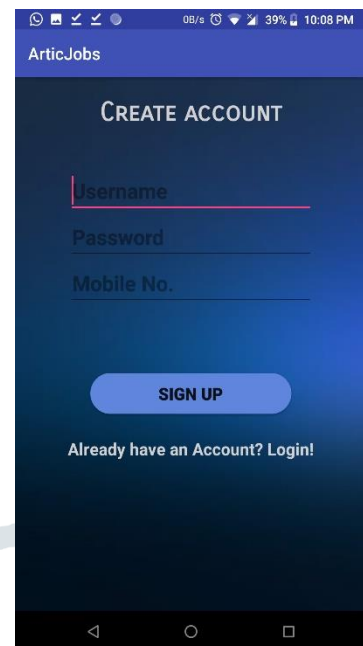
Artic – Jobs Partner –

1. Application gets launched with the authentication screen, where the user needs to enter his/her Username and Password to login into the application. If the user is not yet registered with the application then he has to register himself/herself using the signup button.
2. When registering for the first time in the Artic – Jobs Partner, the partner will be requested to fill some required details to further make use of the application and perform services.
3. Once the details are filled, the user gets flagged in the database, so that when he logs into the application for the next time, he is not displayed with the form. But directed towards the work activity of the bottom navigation bar.
4. Here the bottom navigation bar will be consisting of two main fragments, one will be the work fragment and the other being the settings fragment.
5. In the work fragment, partner will be displayed with all the people around who have searched for the required service.
6. If the partner has selected the skill set to Electrician, then he will be displayed with all the people who have searched for the Electrician services.
7. The partner just has to accept the request send by the customer, and then the partner will be directed towards the Maps where he will the directed towards the customer using google maps directions.
8. Once the job is done the partner and the customer has to confirm and end the service using the End service button.
9. After successfully done with the services customer will get a pop-up message displaying the charges and money charged by the partner. Based on the Terms and Conditions.
10. The money payed by the customer will be transferred later to the bank account.
11. Settings fragment will be used to just edit the profile of the partner and change the theme of the application to white and dark.
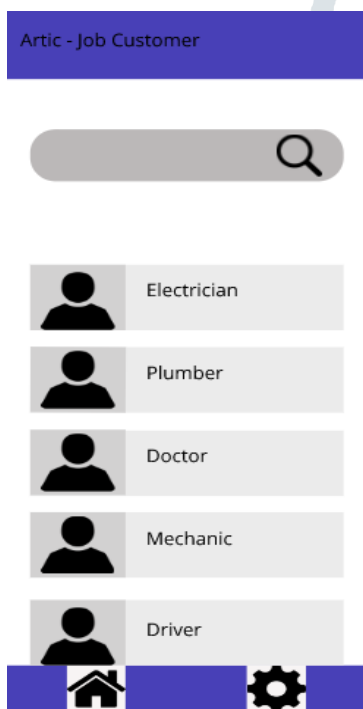
V. Screenshots of Application

1.   Login Activity   2. Sign up Activity ——

3.   Home activity   4. Partner Description Activity

5. Customer Description

VI. CONCLUSION

According to the above research it can be concluded that this system and application will help in people find jobs easily. This can also give them good work experience as they are performing the services according to their interest and based on their skills. The system also helps common people out who are not aware of some location or they have no idea about the shops, garages, or people around, this application makes things easier here by providing them with all the necessary people around who can help this people out. This system makes things easier for the people, when they are in trouble at unknown places.

VII. REFERENCES

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