**SERVEZ**

**(Team - Newbits)**

**Tech Stack Used :**

Frontend:

* Kotlin
* XML

Backend:

* Firebase
  + Firebase Authentication
  + Firebase Cloud Messaging Service

Database :

* Firebase Realtime Database

**Contents of Project :**

* Description:
  + ServEZ is an Android application that targets to provide on-demand services like plumbing, painting, bricklaying(or masonry), carpentry,automobile repair service(mechanic), and maintaining electricity (electrician).
  + The project also aims to provide working opportunities to people who are skilled in above mentioned skills while maintaining their independence. The application acts as a bridge between those who want the work done and those who are willing to do the work at a mutually agreed price.
  + Clients can select workers on the basis of their rating and experience. The app provides features for clients to communicate directly to workers and invite them for jobs through in-app messaging.
* **In - App Messaging :**

A user can contact the worker of his/her choice in the app only by use of messaging service. Also users can use mobile no. to contact the worker provided in details of the worker. For every message sent, the recipient will get a notification on their phone showing the sender’s name.

* **Contracts:**

Invited workers will have freedom to accept or reject the job they have been contracted for. After the worker has accepted a job invitation, he/she can reach out to the client and do their task.

Post job completion, the client can rate the worker depending on the quality of work done and fee demanded.

Users can edit their details in case they entered the wrong information by mistake at the time of signup except for email address and phone number.

Currently the application offers 6 professions for which a worker can register :

1. Plumber
2. Carpenter
3. Mechanic
4. Electrician
5. Bricklayer
6. Painter

A worker can also act as a client and hire other workers. An already registered worker cannot register again as a different worker. An unregistered client can register as a worker.

**Team Details :**

Team Name : Newbits

Team Mentor : **Mr.** **Sameer Ahmad**

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| --- | --- | --- | --- |
| **Sr. No.** | **Member Name** | **Branch** | **Year** |
| 1 | Aakash Jakhmola | CSE | 2 |
| 2 | Sumit Kumar Singh | IT | 2 |
| 3 | Ayush Kumar Shukla | CSE | 2 |
| 4 | Hareesh Kumar Charchil | CSE | 2 |
| 5 | Shivam Bhatacharya | IT | 2 |

**Github Repo link :**

<https://github.com/codebiet/servEZ>

**Presentation Vedio :**

<https://drive.google.com/file/d/1ZikHrmV4XV8PEWHdszERklbuRFtGh60A/view?usp=sharing>

**Screenshots :**

 

 