

USER MANUAL

The opening screen contains two options which lead to portal for workers and portal for managers.

On clicking the worker portal a login screen for workers is available. If already there is an account people can login using those credentials and if not they can register a new account using the register button. On logging in, a list of jobs or works are available for the worker out of which the worker can access the details of his interested work.

On clicking the manager portal a login screen for managers is available. If already there is an account people can login using those credentials and if not they can register a new account using the register button. On logging in, the manager gets a screen where he can see all the jobs or works posted by him. He can delete the posts by delete button. He can also add posts by using the add button and filling out the required details.

Note - In login screen while entering the credentials, small letters and capital letters appear as capital letters. But, the app is case sensitive and small letters, capital letters are stored case sensitively in database.

A common database is used to store the data which can be accessed by the portals with respect to the need of the worker or the organization.

There is an option for the organization in its part of the app to post new work with details such as type of workers needed, wages for the work and location of the work.

The worker has a screen where the worker can get the list of works by their choice which may be by type of work or by wages or by location.

The front end of the project has an interactive User Interface (UI) so that the android app can be accessed and used comfortably. It has login authentication for both workers and organizations. There is an option to create an account if account is not registered.

The user interface is designed primarily for Pixel 3 API 35 emulator. So inconsistency in user interface can be seen in devices of other sizes.

Note for managers – The organization name with which the manager is registering must be used as the organization name at the time of posting new works.

Worker Management App

Purpose and Goal

The purpose of this application is to improve the economic situation of poor people by providing them a means of getting work efficiently. The theme of the application is based on sustainable development goals – No poverty and improvement of employment of workers as a whole. This application is designed with the aim of connecting workers looking for unskilled employment jobs and the companies that need them.

Unskilled workers are not usually hired permanently and are generally hired temporarily. This application connects these people to organizations that need them. Normally the people are hired by a middleman because of which they do not get what they truly deserve. Also, the workers do not get work all through the year and sometimes they go far away from the locality to do their work. This application helps them in finding jobs in their locality with ease and efficiency along with sufficient pay.

Technologies Used

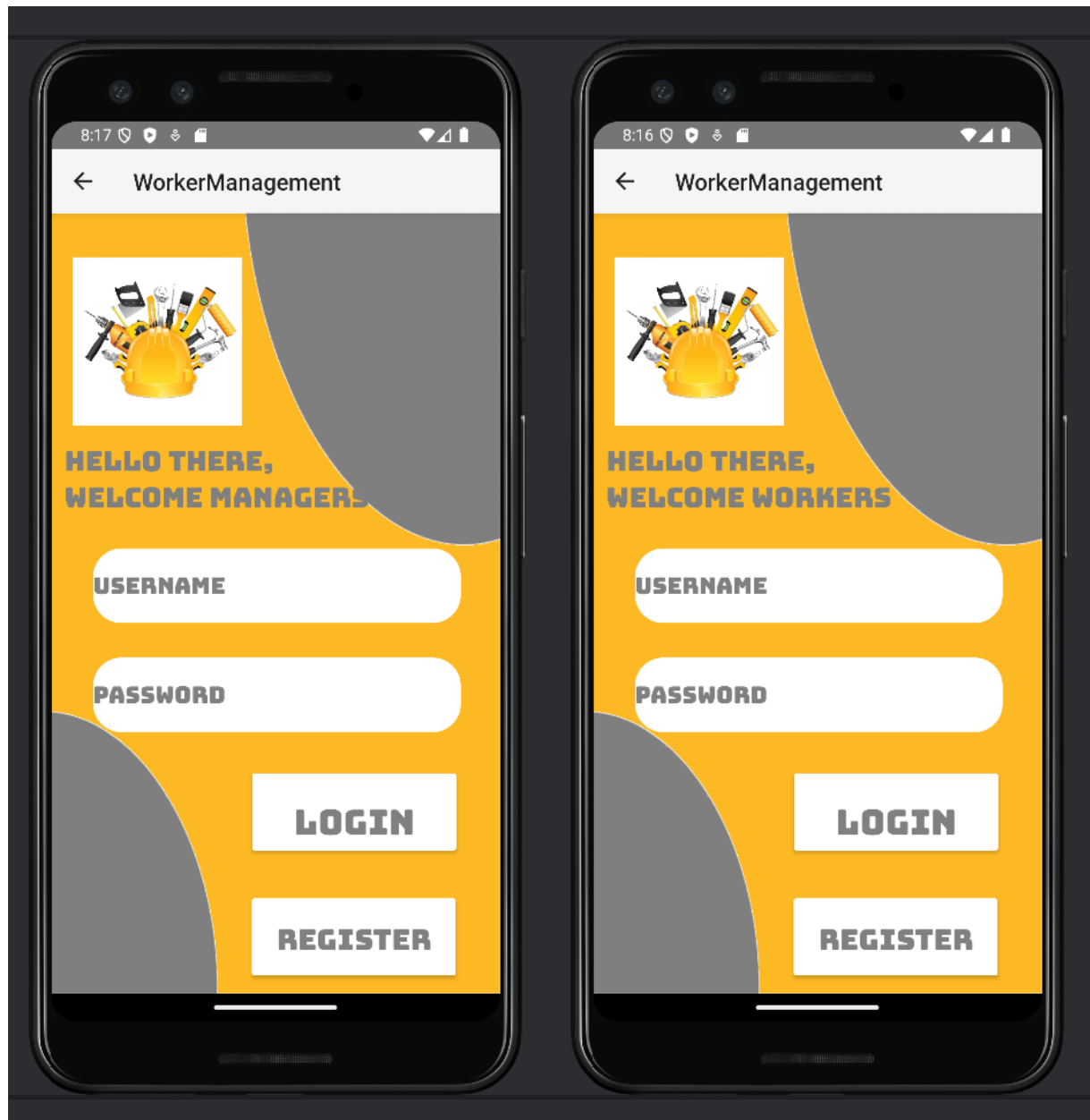
Android Studio and Kotlin for programs.

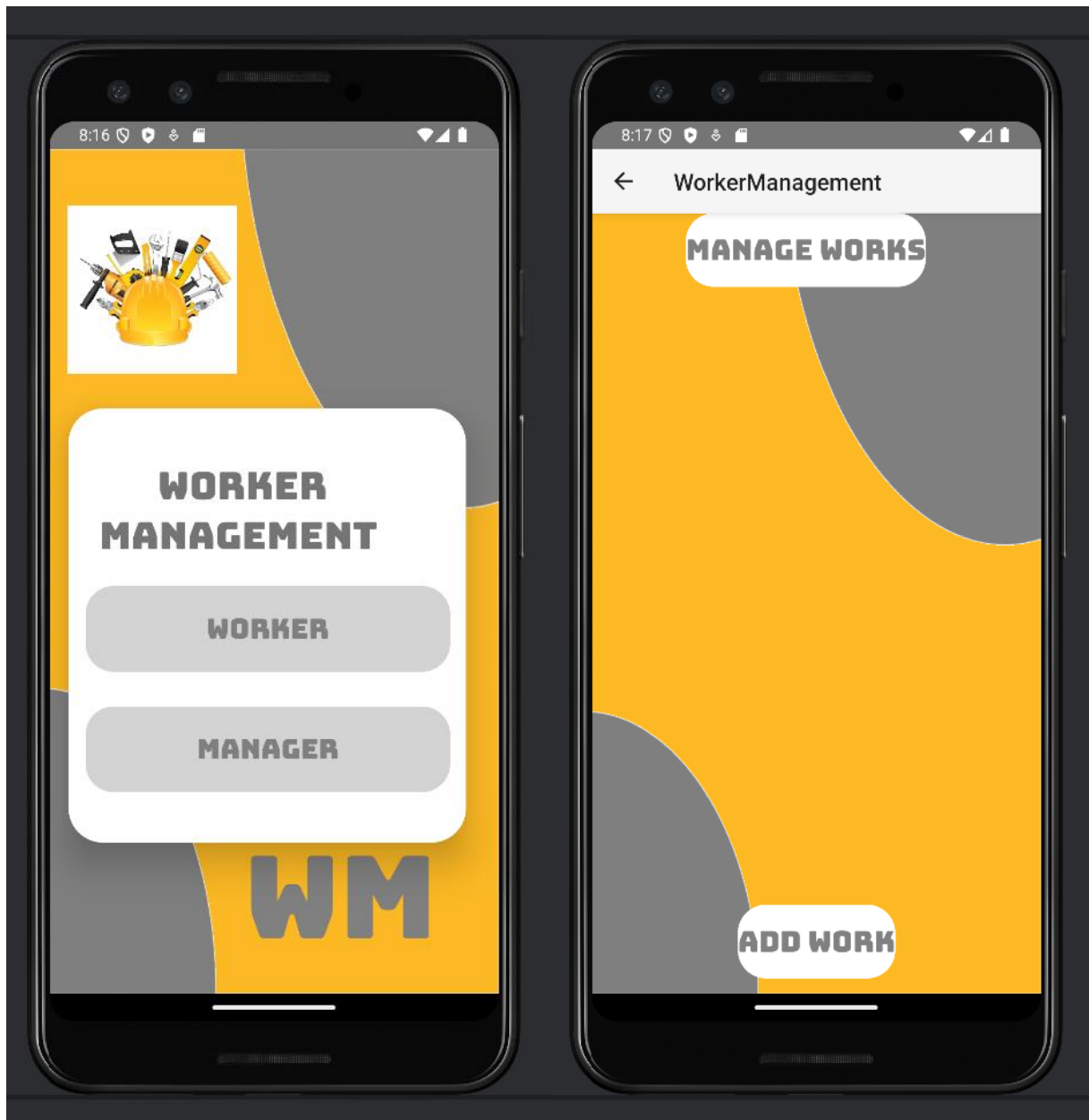
XML activity for user interface.

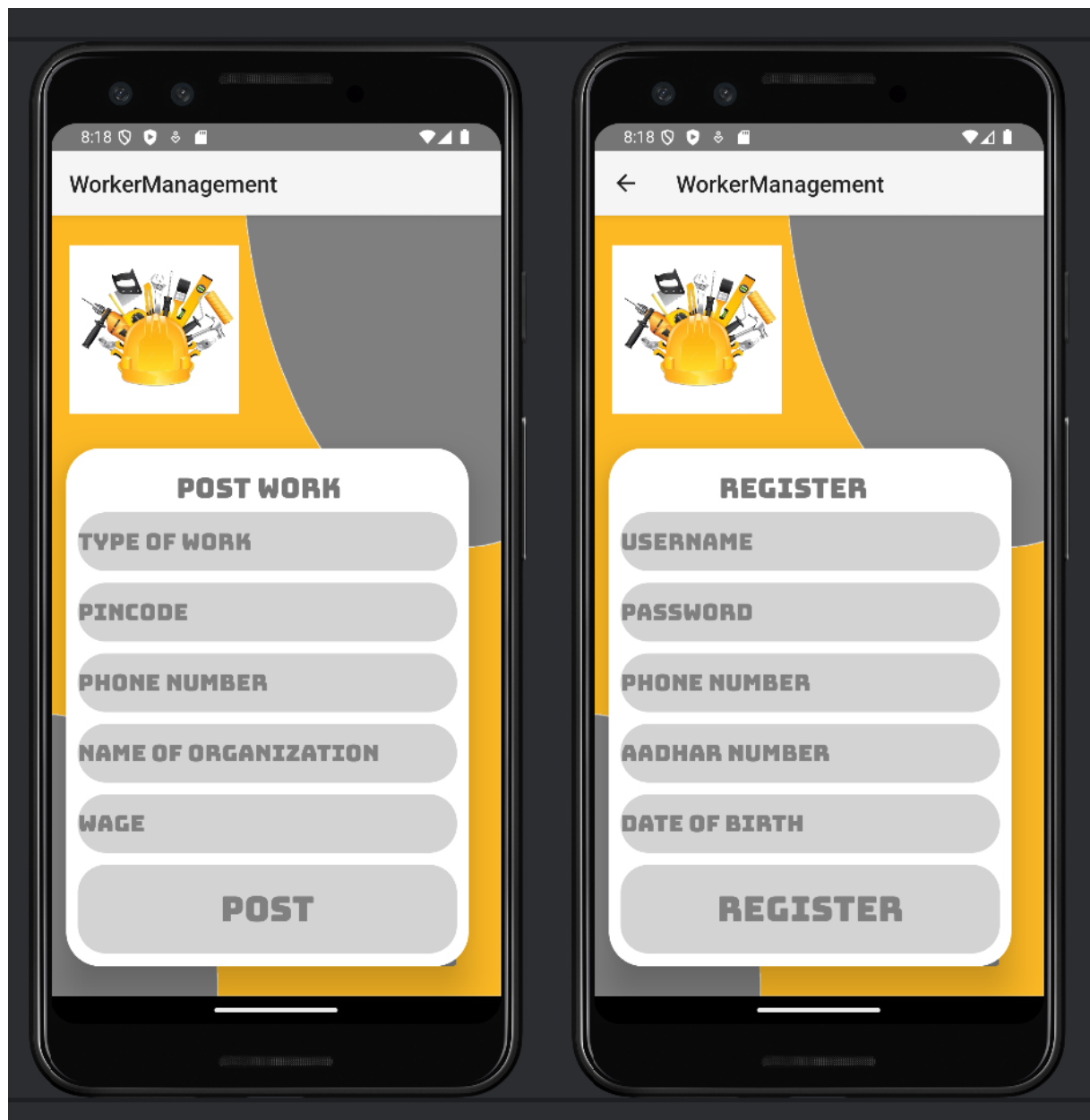
Firebase Database for database.

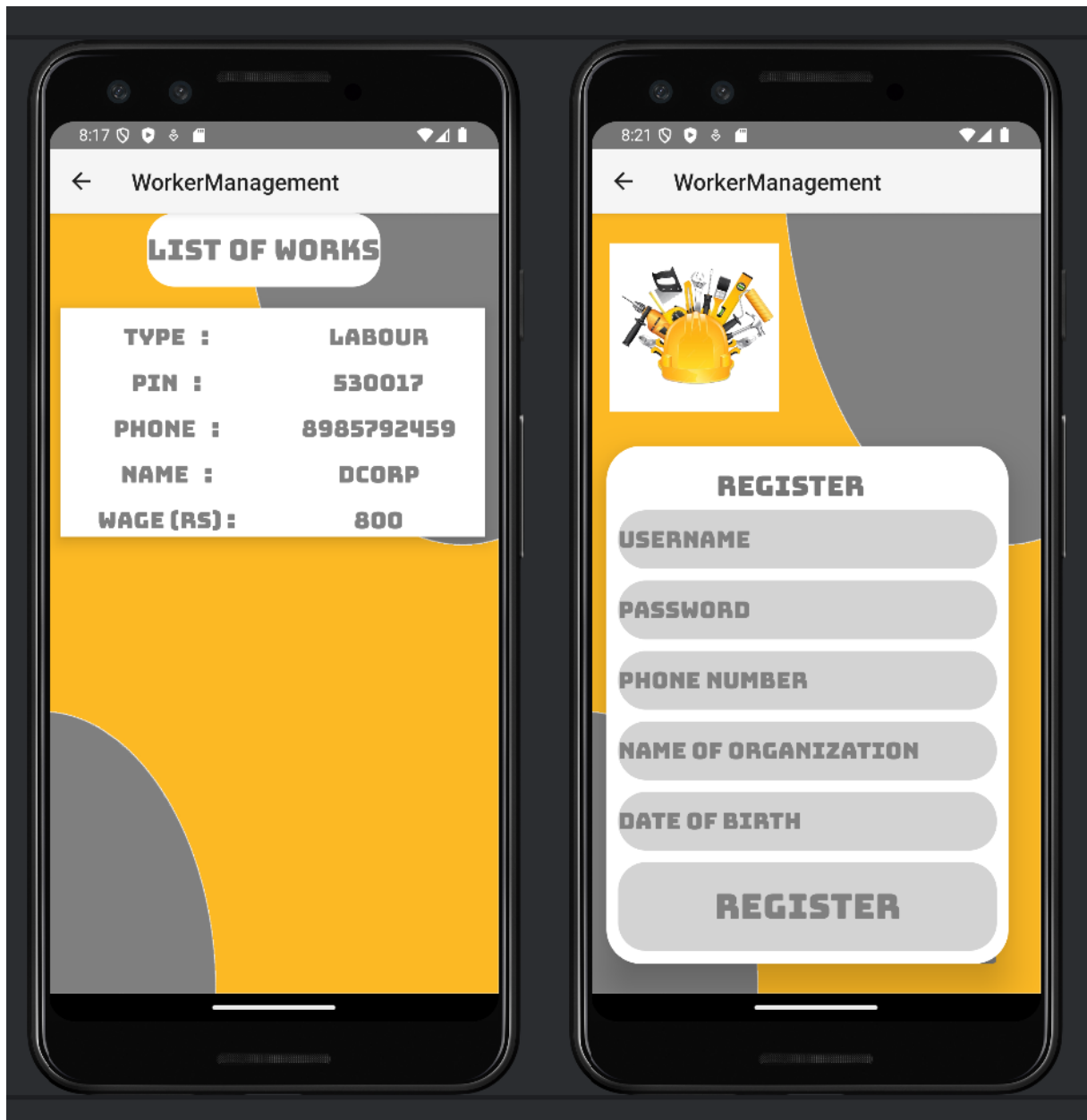
GitHub for storing the project files and documentation.

Screenshots









Contributions

Pranay – Backend, Database, Querying

Poojitha – Frontend, User Interface

Mounika – Frontend, User Interface

Neha – Frontend, User Interface

Srivally – Frontend, User Interface

Yuvraj – Frontend, User Interface