

EASY-FIX

-Your home's chief caretaker



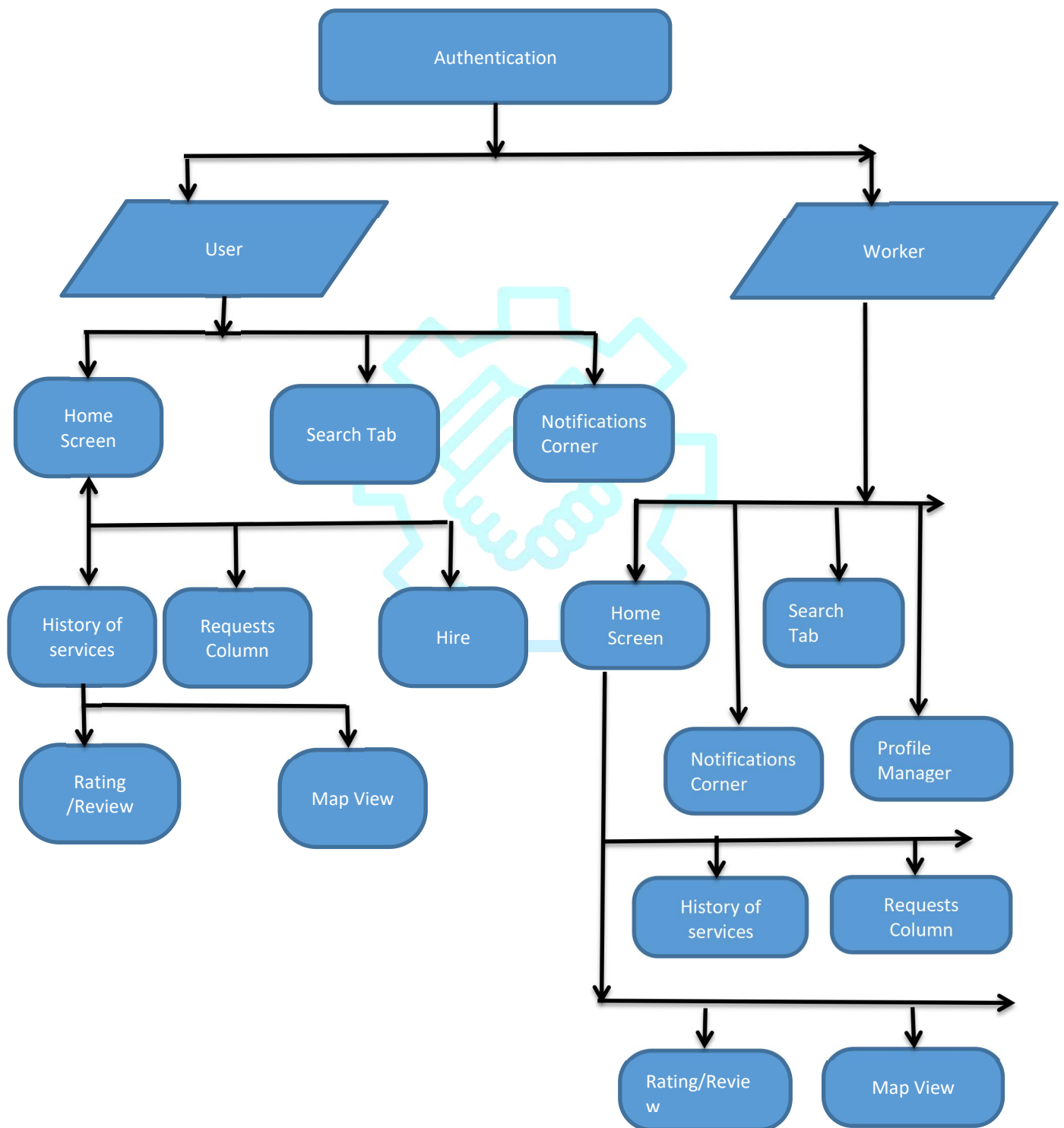
"Necessity is the mother of Inventions"- this is a famous saying that is valid eternally. But Necessity is never static. What is not a necessity today may become one tomorrow. Today, we live in an era where Digitization dictates the world. Almost everything today is done digitally. The change in the lifestyle of people in different walks of life brought about the modernization and digital revolution, we start looking out either for alternatives to conventional ways or find a new approach to solve the problem that is inline with the current Technological advancements. So we can safely say that digital applications are the order of the day or even the need of the hour.

Most of the Conventional Operations carried out earlier have now transformed into a digital operation. However, there are still certain avenues that unearth at different times where digitization has not made its impact yet. One such avenue is Household Working and maintenance, which integrates various disciplines of work in order to provide a fully furnished home. However, keeping a track of all the various things to be done to furnish or refurbish a home might become tedious especially when a lot of working is required. So, what if there is a solution which incorporates these various disciplines and makes our life easier by providing us with all the required assistance to involve different skilled Handymen to complete or renovate our house.

Viola! You Have it -Right here - **Easy-fix** is an android mobile application that helps the residents to keep a track on the maintenance of the house by providing all the handyman services and solutions in a single mobile application. The application is developed in Kotlin programming language. The Current world is such that a mobile phone is a necessity, so an application like Easy-Fix is feasible and Economical and more importantly, User Friendly.

Features of the application:

The FlowChart Below depicts the application and its features .



- **Authentication**



The Users of the app can Sign Up using Their custom Email ID and a Password. Once signed up, they can sign in into their application Using their custom Login Credentials. While Signing Up they can specify whether they are the End User or the worker so that they can be redirected to their respective profiles.

- **Profiles**



The App is split into two profiles ,

- i. User profile - pertaining to the User and
- ii. Worker Profile -which contains the information about the worker.

- **Features in User Profile :**



✧ Home Screen



The Home Screen contains the Following Features:

➤ History Of Services -



The User can see all the History of Handyman services they have availed since their Sign Up .All the upcoming services are prioritized and are shown at the top of the list and in case of no upcoming service,the Most Recent Service availed shows up first.

➤ Rating/Review -



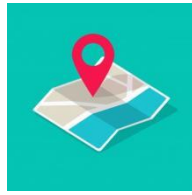
The User Can Rate an Handyman he had availed in a scale out of five Stars.He/she can also write a review about the service of the handyman.

➤ Request Tab -



- i. The User can Send A request to the Handyman of his choice. He can either search for a handyman in the search bar or get access to the handyman in the map view provided in the Home Screen .
- ii. Upon finding out the handyman, he can hire them .Once the hire button is clicked , it sends a request to the concerned handyman about the impending job opportunity and it appears in the pending requests column.
- iii. If a request is being accepted ,it disappears from the request tab.

➤ **Map View -**



- i. This shows the current location of the user logged in .
- ii. This also fetches the location data of the available workers nearby the current user from the database and displays in the map. Clicking On a Location in the map View , the user is redirected to the Profile of the concerned Handyman.

✧ **Search Tab -**



- i. The search Tab Facilitates the user to search for a handyman on his or her choice .
- ii. The Name of the of the Handyman and the services offered by him shows up on the profile.
- iii. The various categories of handyman services are listed for the convenience of the user.
- iv. The user can filter search the Handyman service of their choice .
- v. Their Previous search Log will also be displayed.
- vi. Upon clicking the Name Of the handyman in the search bar , the user will be redirected to his profile.

✧ **Notifications Corner**



The Notifications Corner manages all the notifications of the User .For Example - If a when a handyman accepts the service request of the user , the user is notified that his/her service request has been accepted by the concerned Handyman.

- **Features in Worker Profile :**



The worker's Profile contains the following features:

- ✧ **Home Screen**



The home Screen of the Worker's Profile displays

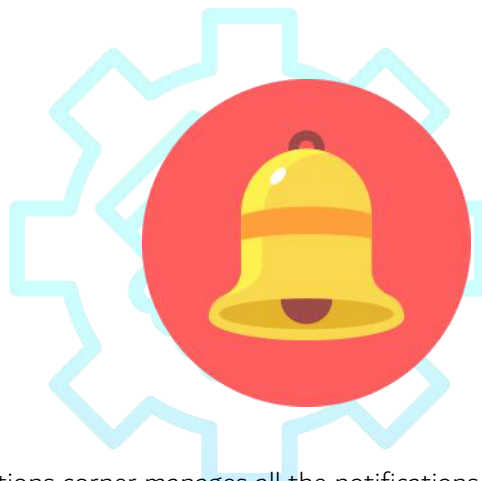
- the History of requests and
 - the history of the services they have done since their sign up.
-
- i. The Requests contain the name of the user who wants the service and the description of the service required .the worker can access the location of the user who requires his service.
 - ii. The navigation to the User's Location can also be done using the show directions button which redirects to google maps where the best possible route is shown.
 - iii. The Handyman can also call the concerned user and can either Accept or Decline the service request offered by the concerned user.
 - iv. All the History of services offered is displayed in the Home Screen.

✧ **Search Tab**



The Search Tab is similar to the one in the User Profile Search Tab, Except that a worker cannot Hire another Worker. Their Previous search Log will also be displayed.

✧ **Notifications Corner**



The Notifications corner manages all the notifications of the Handyman. Whenever a User gives a review about the working of the handyman it is notified to him in the notifications corner.

✧ **Profile Manager**



It is the All in one place that stores all the necessary details about the handymen. All the

Basic details such as

- The Name of the Worker
- His Location
- Services he offers
- Contact Number
- Payment info
- Profile Image
- Email ID
- Experience and
- His rating

will all be displayed in the profile of the Concerned worker.

- i. This profile details can be edited as and when the concerned person wishes to do so.
- ii. Also , in order to add more credibility and information about the workmanship ,they can also Post the images of their Working as and when they wish to .
- iii. All these details Show up when a user search for the concerned person in the search bar.For Correspondence purposes.
- iv. The User can contact the concerned handyman by clicking either the Phone or Email Card available in the profile .

