

मी सरपंच... मी लोकसेवक... Mobile App developmen

functional specification

About the mobile app:

This mobile app will manage the training of sarpanch and Lok Sevak who got elected from people. This also gives the ability for training management staff to organise training through mobile app only. This mobile app has integrated registration and all other functionalities related to training to sarpanch.

1. The main goal of the project is to create a mobile app that can ease and simplify the exploring process of a newly visited area.
2. API is delivered by the Client.
3. The graphical project is delivered by the Client. The file will be updated with new screens designed by Appchance.
4. ...

Materials

Mockups and designs to be prepared by

Technical requirements

1. This application will be developed on both platforms using the following technologies:
 - a. Android 4.4 - 8.x - using Java / Kotlin

2. This application is intended for use on a smartphone, in a portrait orientation.
3. JSON requests are used to handle the communication between the app and server.
4. This application works only in online mode.
5. Push notifications are handled by Firebase.
6. Firebase Analytics will be used to collect different analytics and data.
7. This application is going to be developed further after the v1.0 publication.
8. This application is going to be published on App Store and Google Play, using the Client's accounts.

Application - functionalities

In order to plan it in a better way and to make business function as earliest, we have broken down features into **2 Personas**

1. Sarpanch :

S.No	Feature	Description
1	Login	Sarpanch Enters credentials and login to App to jump to Home screen
2	Sign Up	Enter associate details to register himself for an app
3	Homepage	When user signs in to an app he jumps to this screen to see Registration, Training, Learning Resource and Videos options.
4	Registration	He will fill his profile information.
5	Register for training	On individual training tab, he sees the registration tab and he can click to register.
6	Get confirmation of activities	He gets notification of imp activities
7	Learning	See learning PDF and download them
8	Videos	Watch In App videos there only

BDO :

S.No	Feature	Description
1	Login	BDO Enters credentials and login to App to jump to Home screen
2	Sign Up	Enter associate details to register himself for an app
3	Post Training schedule	Post login he jumps on the screen where he can add a normal post or go to ADD training page, he selects appropriate contents and submits to training
4	Post Training	Add training
5	Post Videos	Add Link of videos to make
6	Post PDF	PDF to upload

Navigation bar - mockups attached her



To be delivered by the Client

1. Mobile app for sarpanch and BDO
2. Web for User management
3. Server to handle data and API
4. One time deployment
5. One time testing

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Technology

1. Production and development servers are users from google cloud.
2. Java for android
3. Python jnago for backend service
4. Mysql as DB