ANDROID PROJECT

(2020-2021)

Synopsis

Team Members

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Supervised By

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SPOT FITNESS

Introduction:

Spot Fitness based on the concept of "Fitness". The objective of this Spot Fitness Android Application us to provide user various gym exercising tricks for making them physically fit . This Application user different steps to build their different part of body without any trainer support.

This App will have many activities

The main objective of this application is user can use this app at their app at their home and make their physic without any trainer, know diet easily, calculate their diet calories amount on calorie calculator as their body requirement and can also use life hacking and can also use life hacking tricks on the bottom of this app initial page.

Objective:

Spot Fitness objective is to provide best service among all fitness applications which are available at free of cost and premium apps also . There are interactive exercise on different level for different body parts.

Working methodology:

- The purpose to make this project is to provide a platform where any one can easily workout at his home and can keep a track of its data that what he is doing on daily basis
- As we know there are many applications to give such type of information about workouts but the best applications are paid but we will provide a free of cost application .
- Here are Sub Section where there are lots of category where user can visit and select the level of workout he / she wants to perform .
- Through workout at home, you can save time, money and reduced transportation cost. At this time of pandemic it help to reduce social gathering.
- Application will provided physical exercises so no need of gym equipment.
- Application will also provides the various types of reminder like water reminder and sleep reminder.

Software Specification

- Technology Implemented   :   Android Development , Firebase

- Language Used   :   Kotlin , XML

- Development Environment   :   Android Studio

Application Requirement

o   Minimum SDK   :   Android 5 (Lollipop)

o Minimum API   :   21

Hardware Requirements

- Processor   :   intel i3

- Operating System :   Windows 7/8/10

- RAM   :   4+GB

- Hard disk   :   64 GB

- Hardware Devices :   Computer System

Team contribution-

- In this project we are working as a team of 2 person Mayank and Aditya.
- Authentication for user during login is been done by the Aditya.
- Mayank is interested in UX and UI designing that's why they are making main page, and all the UI's.
- This will take probably two months to complete this project with Analysis.

Limitations of The System Proposed-

- Internet connection is required while accessing the website.
- As we are working in front end technologies, we do provide functionality of comment and likes over our courses.
- As the questions in the quiz are limited so user may face some repeated question each time while playing quiz.
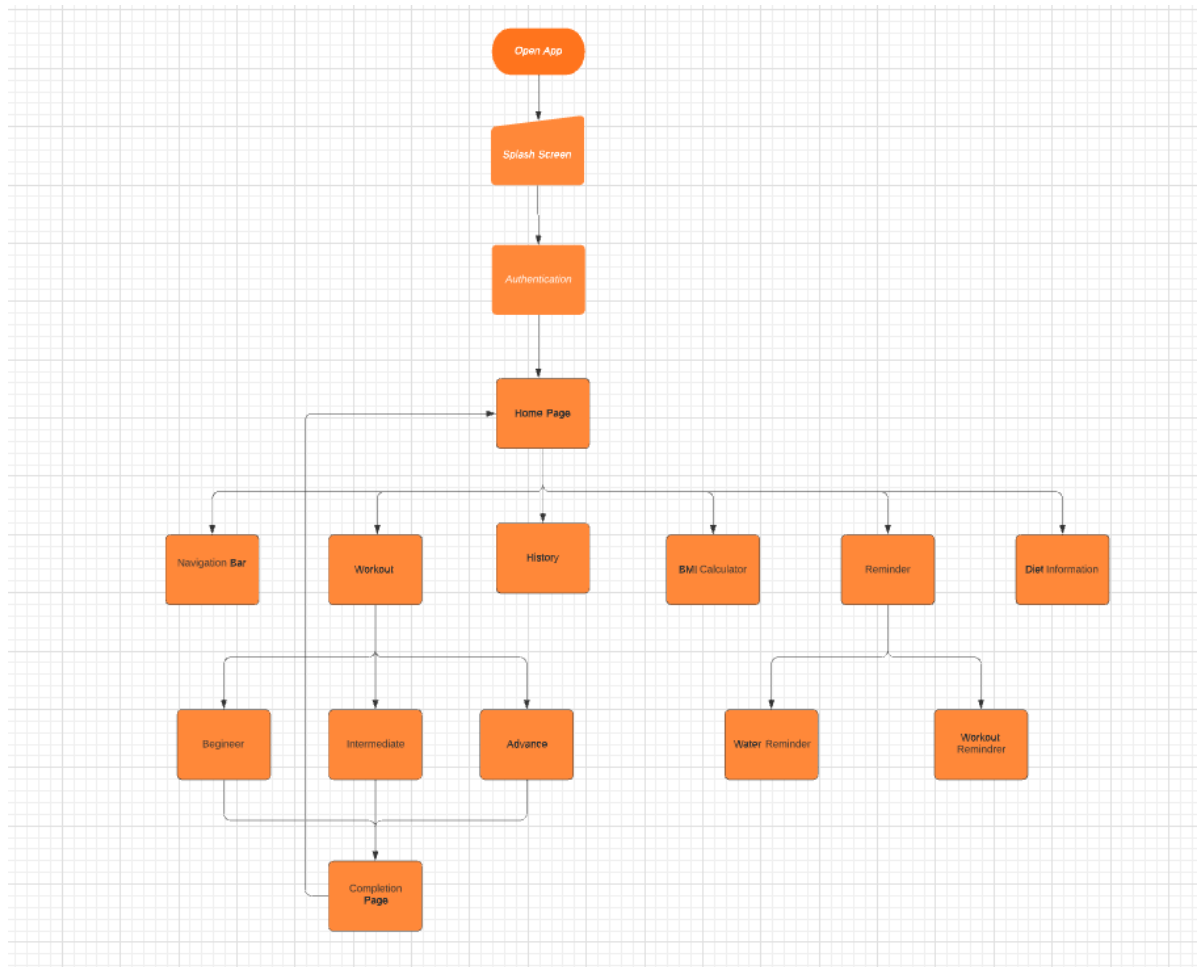
Online GIT repository adityacode4u/Spot-Fitness:

Frontend And Backend :-

Frontend – Kotlin

Backend - Firebase

Flow Chart

References:

- [Documentation | Android Developers](#)
- https://stackoverflow.com
- Wikipedia