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Fit Streak

April 23, 2022

Overview

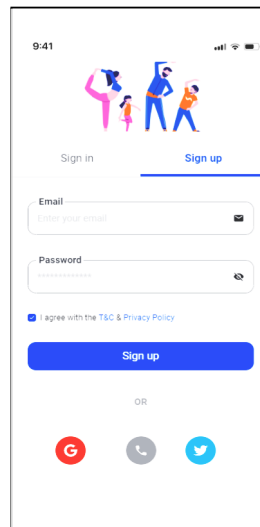
Fit Streak lets its users track multiple activities like Step count, Water consumed, Calories burnt, Calories consumed, Sleep hours etc. Users can set goals across their chosen activities and monitor their progress throughout the day. They will also be presented with reports on their performance and goals for that entire week. Users can also search for healthy recipes through the app that they can include in their diet for that day. The main objective of the app is to encourage and motivate its users to maintain consistency in their fitness journey.

Functional Description

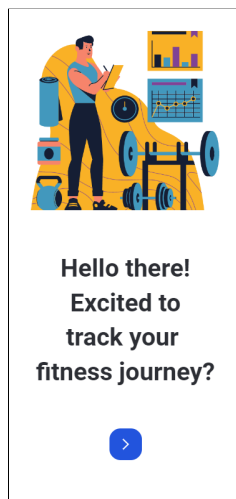
- The app lets the new users sign up and existing users sign in using their Email/Phone number/Google/Twitter accounts.
- Once the user is in, he/she is welcomed with a couple of onboarding screens(only in the first run) to help setting up the goals to track.
- After the set up, he/she is taken to the home screen where the progress of goals achieved for the day can be seen. All the updates to the goals throughout the day can be done here.
- Users can choose to navigate to the Recipes screen, where recipes across different categories can be selected. Users can choose to mark the recipe selected as consumed, so that calories tagged to that particular recipe are automatically added to their Calories Consumed count.
- At any given time, users can go to their dashboard to check their performance and consistency in achieving their goals across activities for a period of week. They can always edit their goals here on this screen.

User Interface

1. Login screen(first screen)





2. Onboarding Screen 1





3. Onboarding Screen 2


Let's get started by adding your daily goals

 Steps

 glasses


 Exercise
Kcal


 Sleep
hrs


 ALL SET


4. Home Screen




Daily goals

 Steps
2000 / 10000

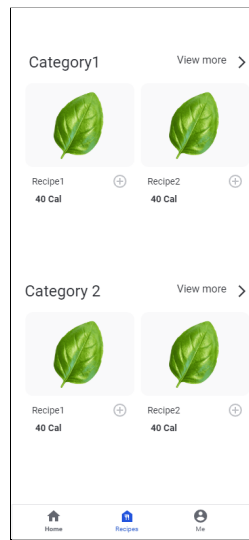
 Water glasses
20 / 50

 Exercise
200 / 500

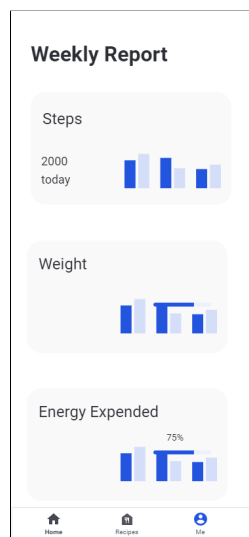
 Sleep
8 / 8

 Home  Recipes  Me

5. Recipes



6. Dashboard



Specifications

To be filled.

Milestones

☐ Google Fit integration

Application with all the login and fitness tracking(home screen) functionality integrated with Google Fit API is in place without much emphasis on styling and animations.

☐ Recipes API integration

Application now connects to Recipes Api(Spoonacular) and Recipes screen is implemented and presented.

☐ Dashboard Presentation

Dashboard screen is implemented and integrated with other screens to present the user specific information in form of charts and graphs.

☐ Animations

Identify the opportunities for beautiful animations across the app and implement them.

☐ Testing

Write unit, integration and End-End tests for the app.

☐ Consistent Styling and Accessibility

Make sure the styling is consistent across the app and implement the accessibility features.

☐ **Support landscape and tablets**

Ensure the layout design works seamlessly in landscape orientation and in case of larger screen devices.

☐ **Release**

Build the apk, submit the project and publish to the playstore.