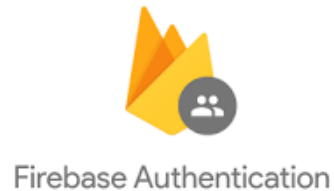# Daily Essential

Organize Your Daily Activity

CSE 250 – Daily Essential

- Daily essential is an app for any android user. Nowadays we are busy with our work. We cannot manage all things. Here is the solution. Daily Essential app will help to organize all activities. Can take notes, track your budget and savings, set reminders, make to-do lists, create a daily routine through this app.

Underlying Technologies

- Android studio

- Firebase
  - Authentication
  - Realtime Database

- External Library
  - Room Database
  - Any Chart View
  - Material component for modern UI
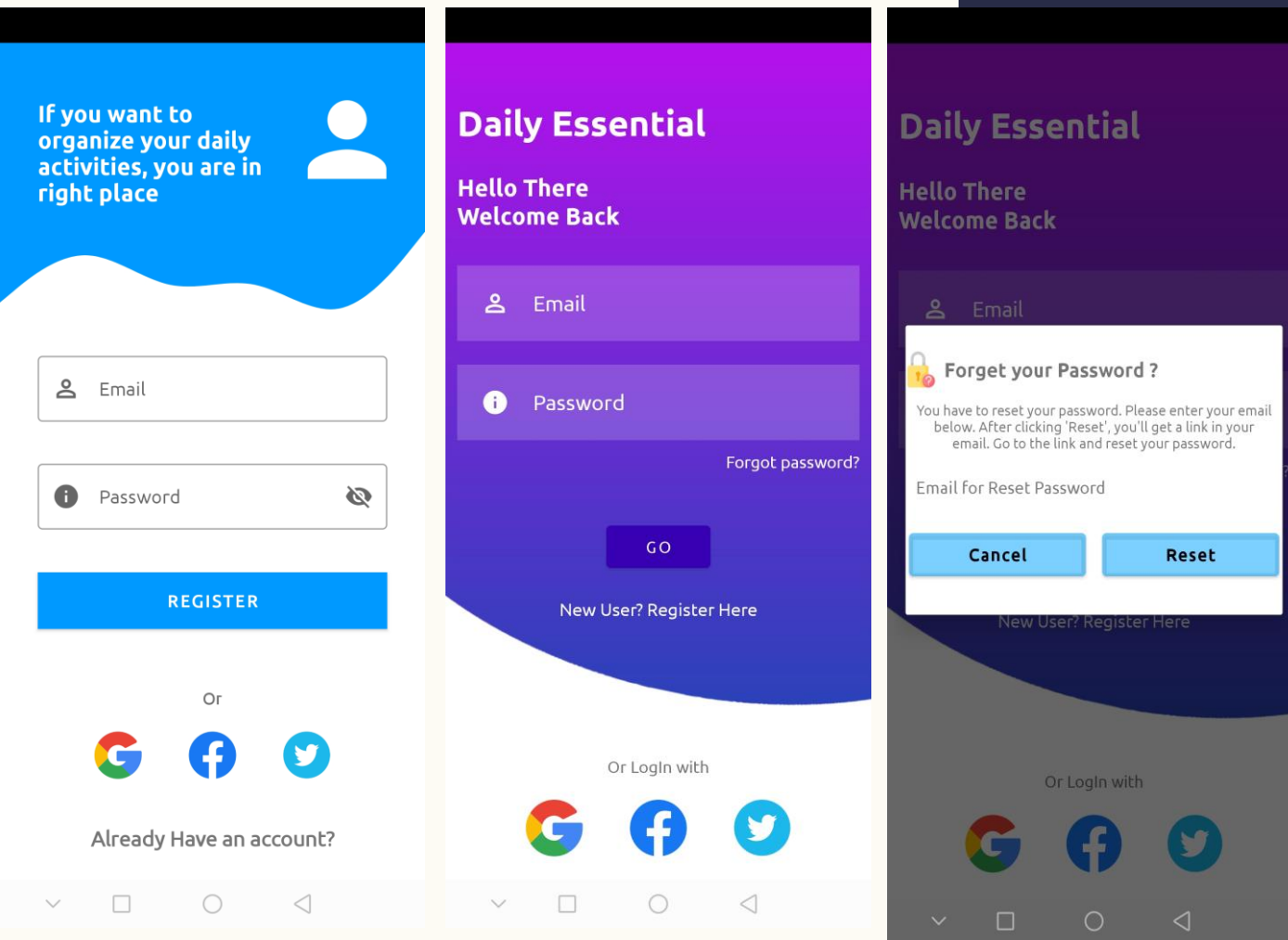
Contribution of Each Members

ABDUL WADUD SHAKIB

- Overall UI

- Authentication (Login , Register)

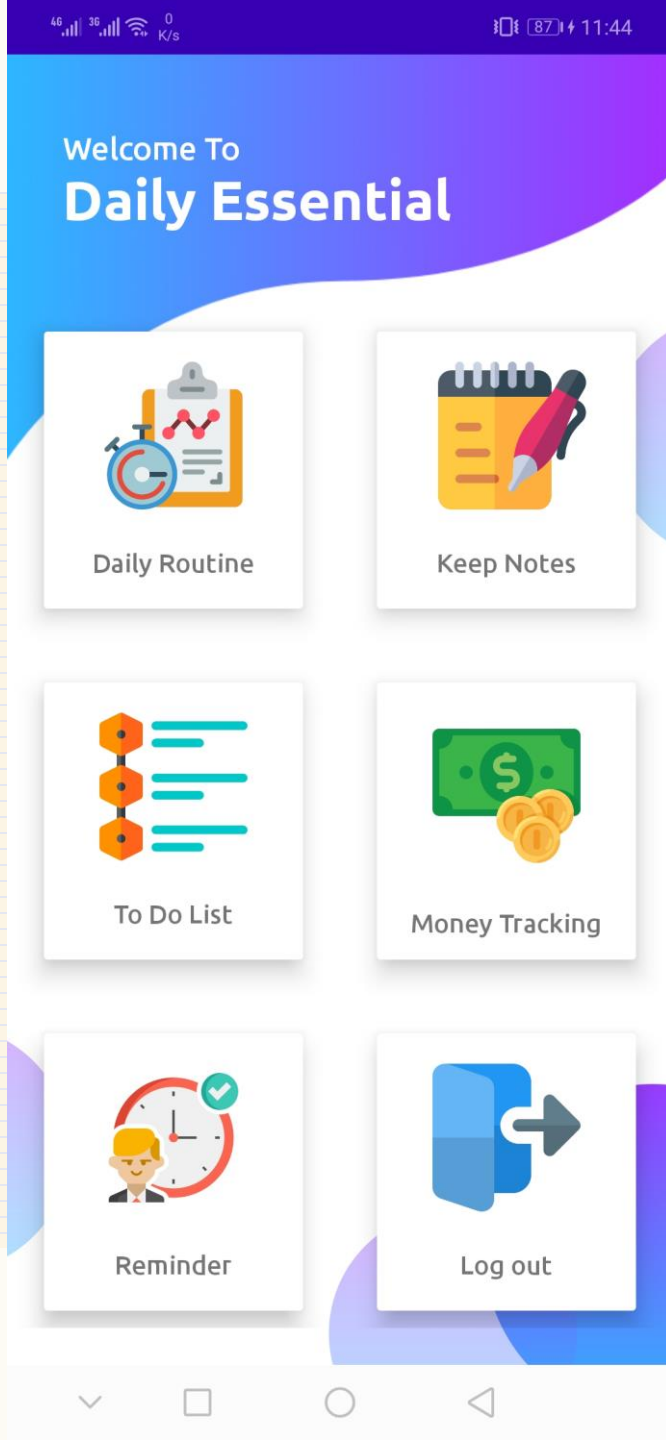- Keep Notes

- Money Trackers

MD TOUFIQUL ISLAM FAHIM

- To-do List

- Reminder

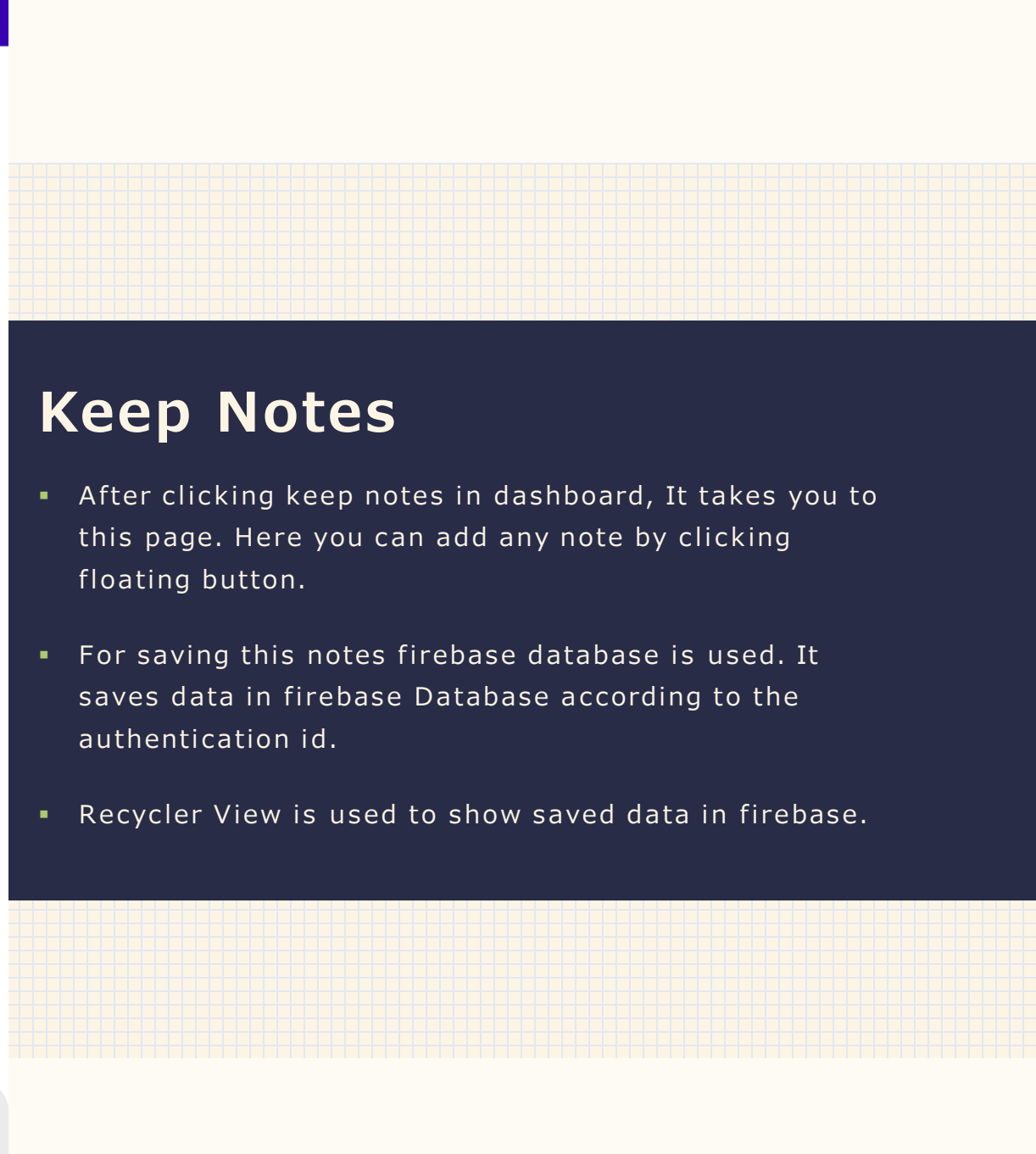- Daily Routine (Partially Implemented)
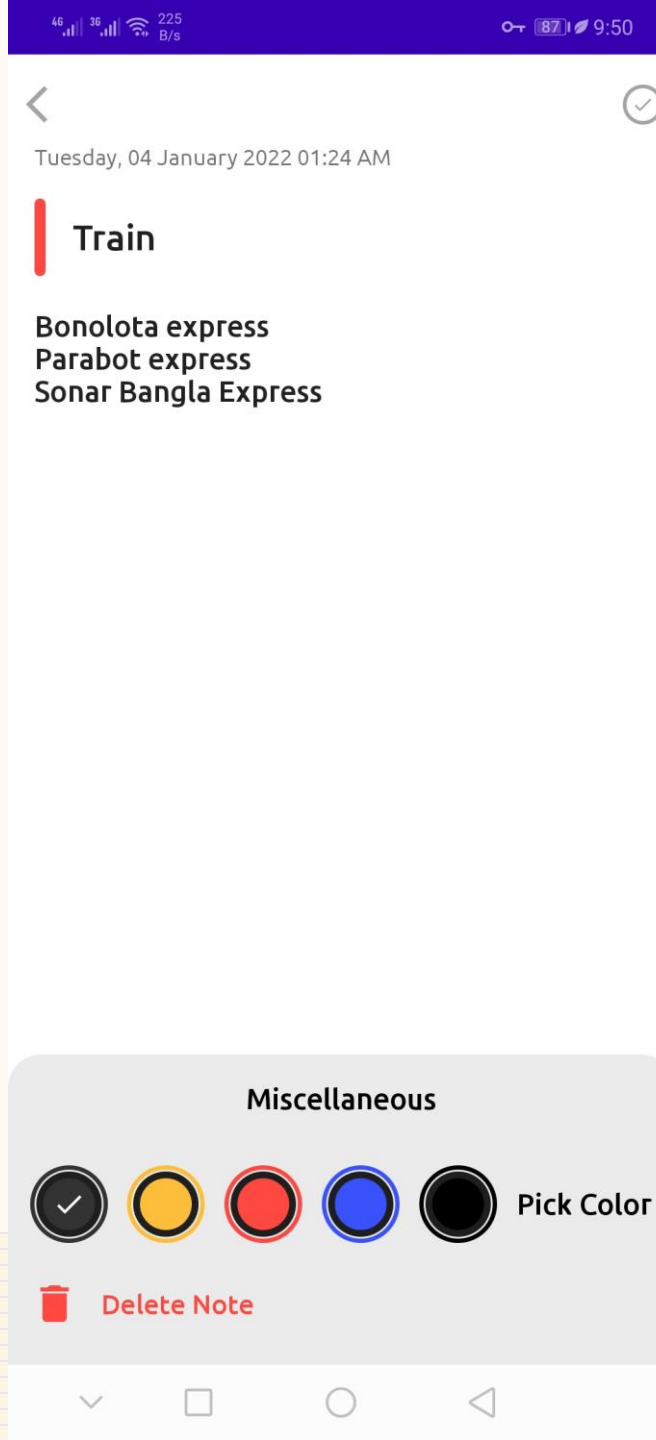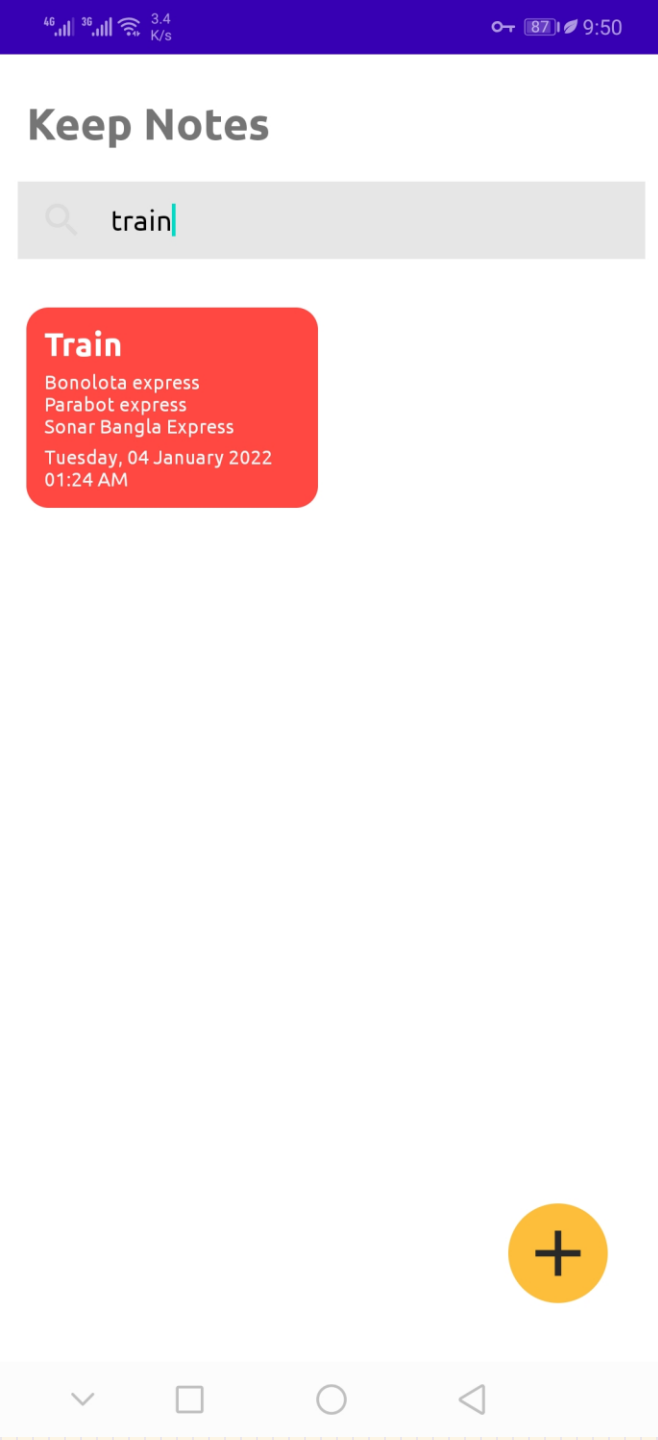
Authentication

- For registration we have used firebase authentication for log in and registration

- If you forget your password, you can reset your password by clicking "forget password"

- Then give your email and an email will be sent to your email. Thus, you can reset your password

Dashboard

- This is the dashboard.

- After log in or registration it will take you to this page
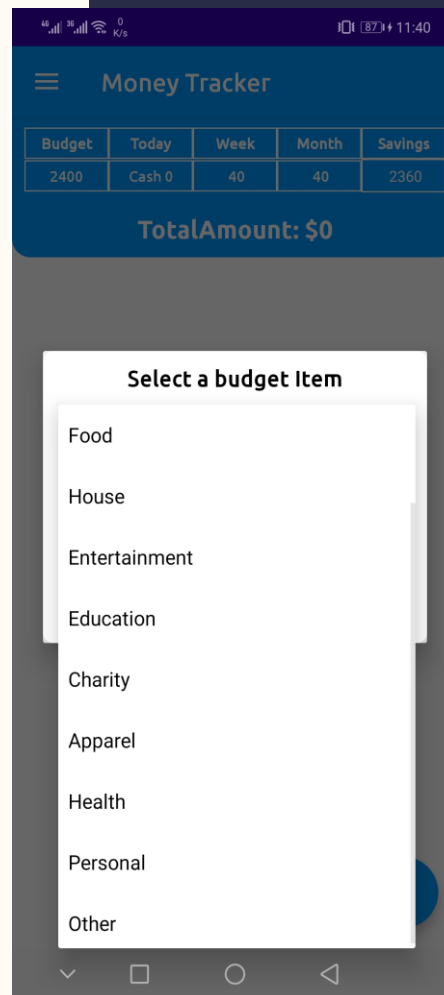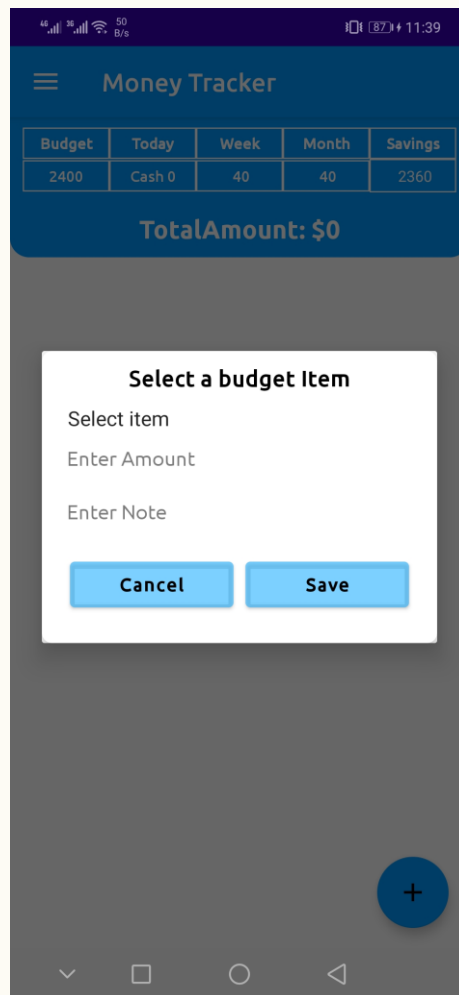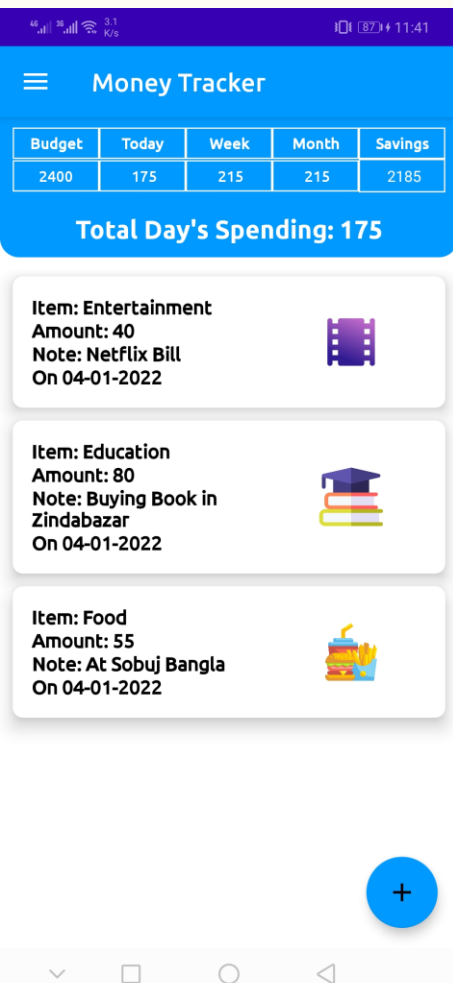
- From this you can access all features of this app

Keep Notes

- After clicking keep notes in dashboard, It takes you to this page. Here you can add any note by clicking floating button.

- For saving this notes firebase database is used. It saves data in firebase Database according to the authentication id.
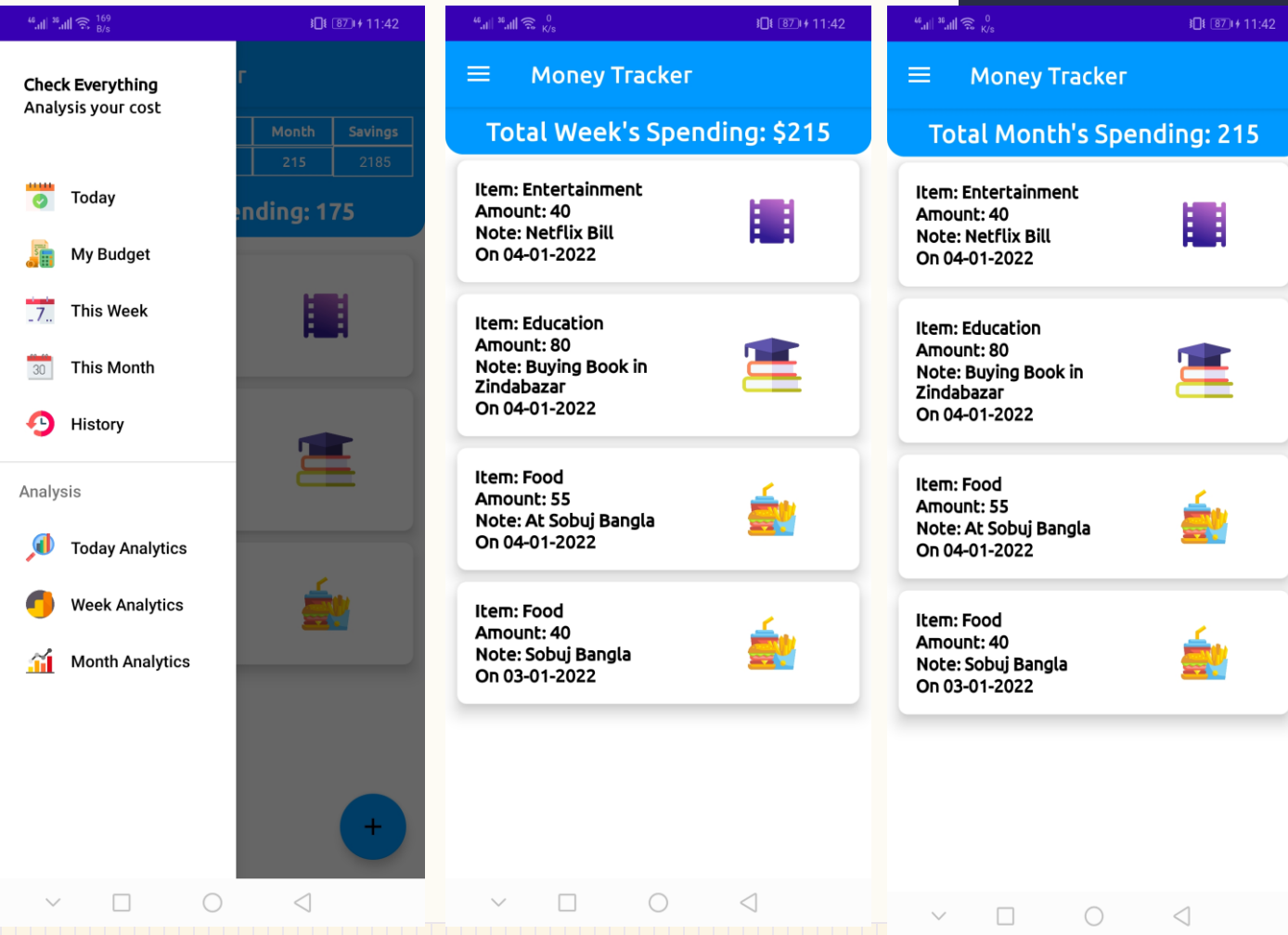
- Recycler View is used to show saved data in firebase.

- You can search note title for searching note. You can edit the note, delete them and set color for the note.

- In search option, we use query system in firebase database. After completing query result is saved in recycler view.

- After deleting data, data is deleted from firebase.

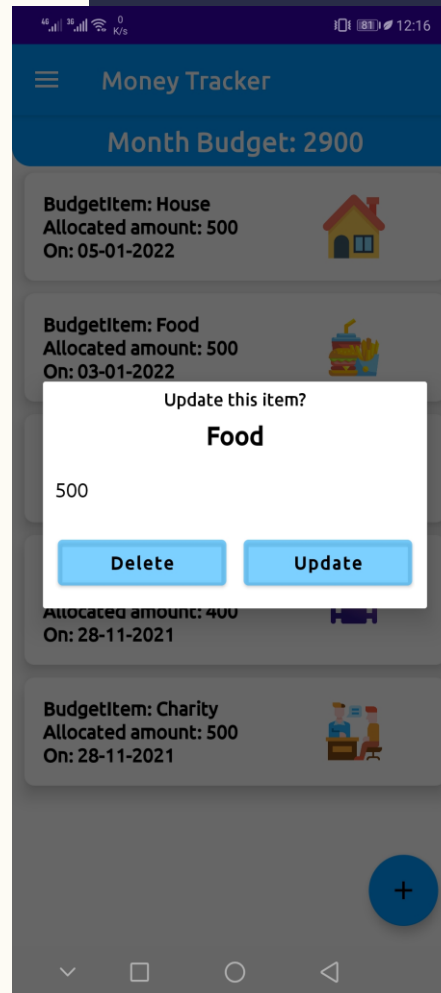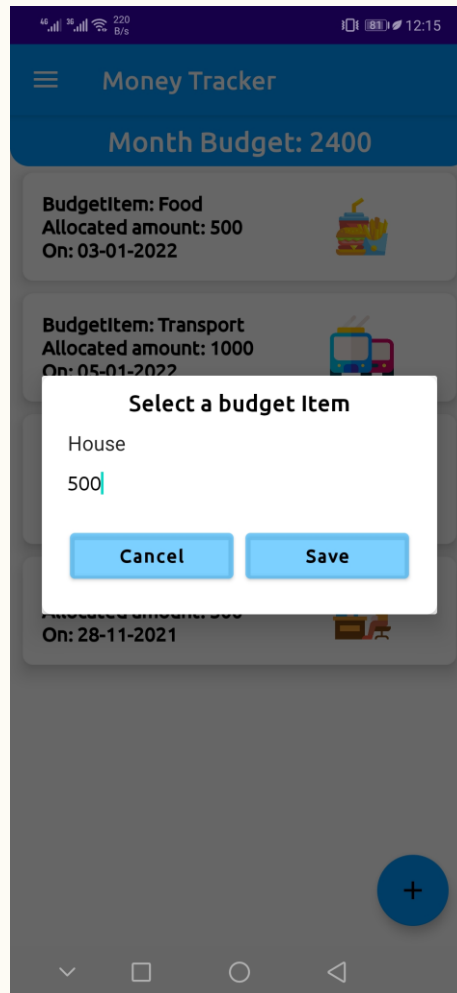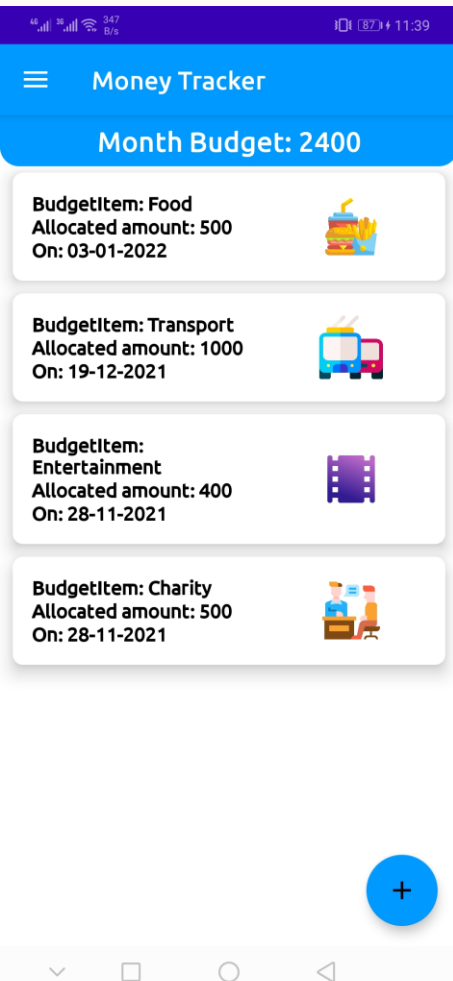# Money Tracker (Daily Spendings)

- You can add daily spendings. It shows the track of your spendings and savings in the table.

- From database we have taken the data from firebase. We retrieves data from firebase and show them in recycler view.

- From every select item we have add a database.
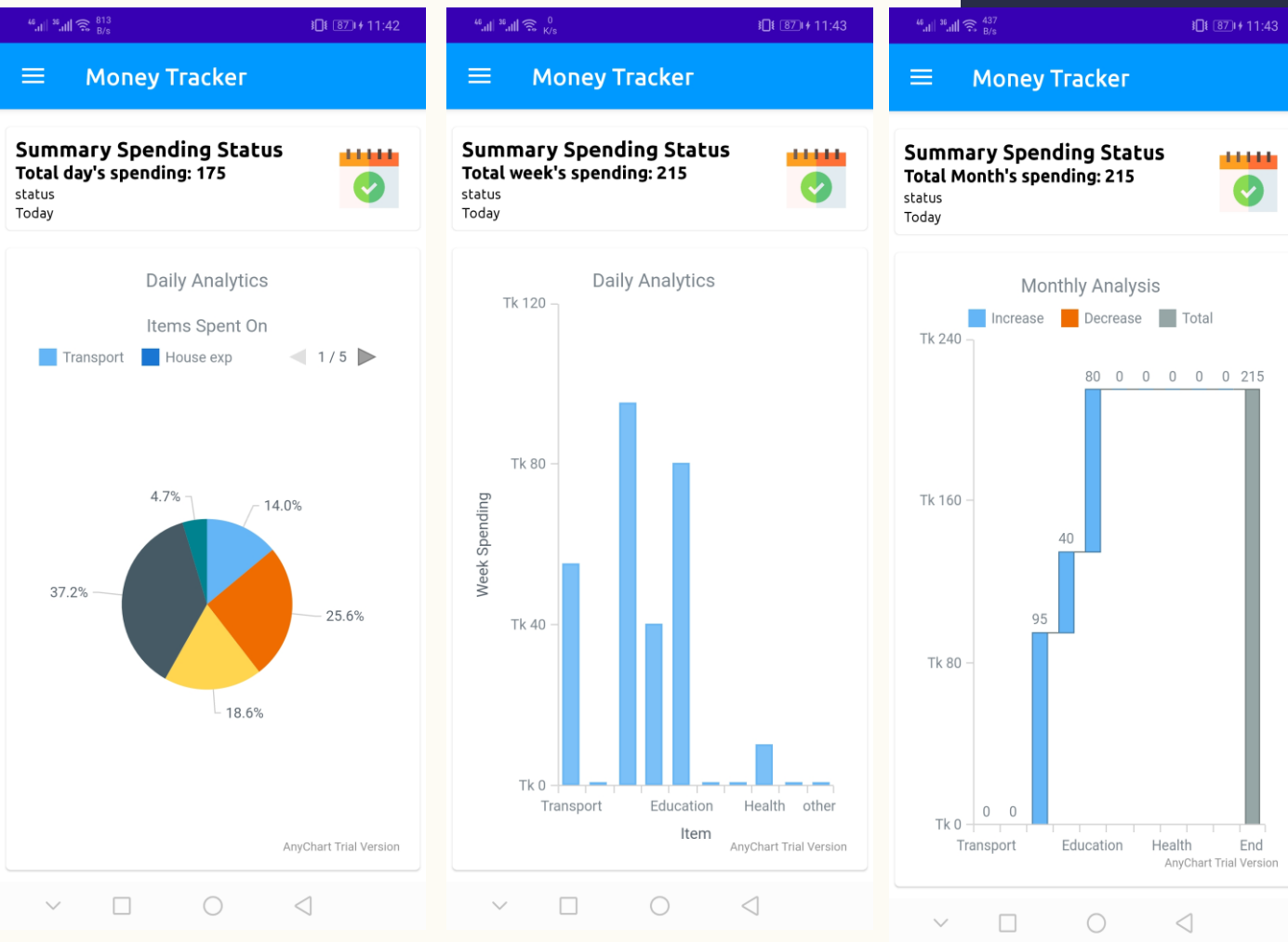
Money Tracker (Weekly and Monthly spendings)

- A drawer menu that helps you to find all the features of money tracker.

- We sort data from firebase database. Mainly joda time library helps us to do this. It keeps the tracks of a week and month.

- After passing a week and month all week and month data will be automatically removed but it won't delete from data base simply it doesn't show in phone.

Money Tracker (Month budget)

- You have to fix a budget for a month. You can update or delete them. It helps you to track your savings.

- This data is saved in every single database in firebase. So we can easily calculate every single part.
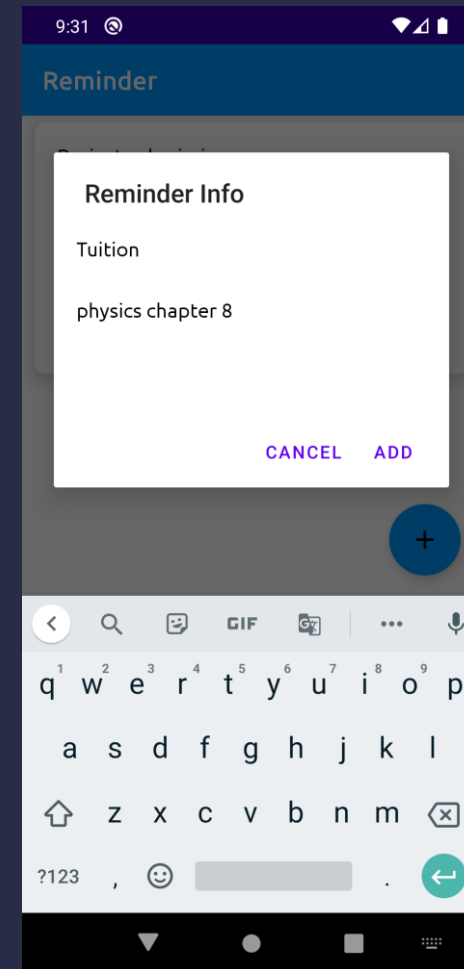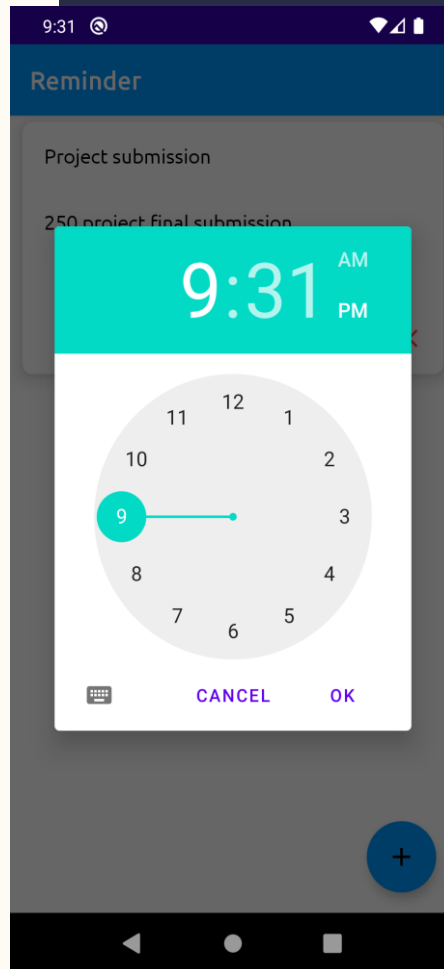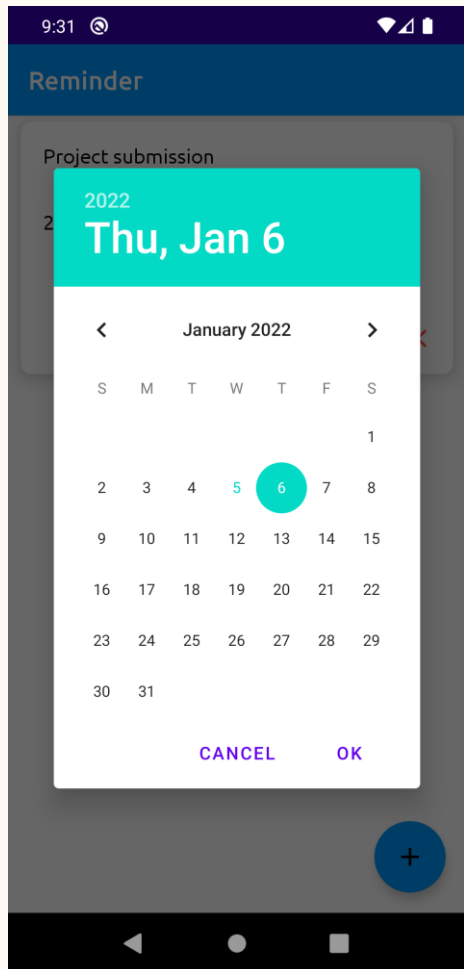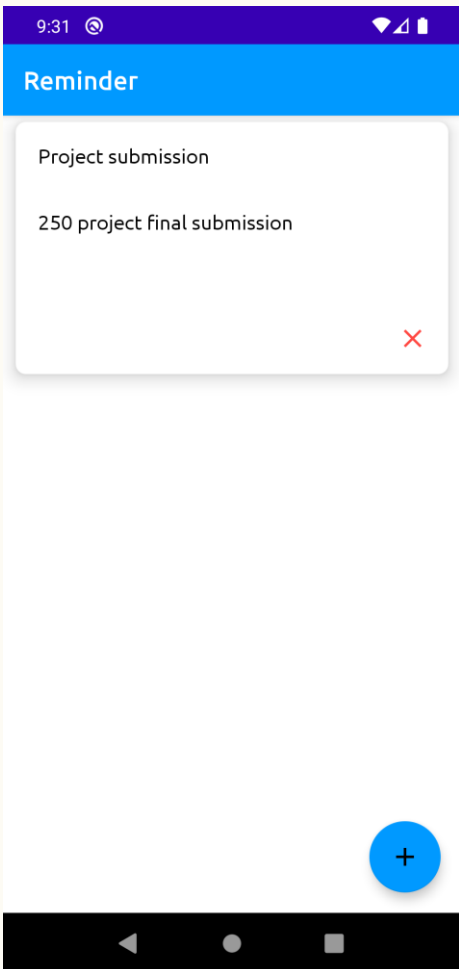
Money Tracker (Analytics)

- You can find daily, weekly, and monthly spendings analytics. Daily spending analytics is described with the pie chart; weekly spending analytics is related to the bar diagram, and monthly spending analytics is illustrated with a waterfall graph.

- We have used "AnyChart View" library for this feature. We fetch data from database and pass them to any chart class (graph class for each graph).

Reminder

- This feature is used for reminding you about your work.

- You must set time and data.

- Room database is used in this feature.

- It sets an alarm in your phone and notified you when need.

Daily Routine

- This feature is not fully implemented.