Md. Rasel Rahman

Selim Hall, RUET,
Kazla, Rajshahi – 6400

rasel.cse19.ruet@gmail.com
https://github.com/rasel-093
www.linkedin.com/in/rasel093/
+8801703266722

SKILLS

Languages	Technologies
Kotlin, Java, Python, C, C++	Android Studio, Visual Studio Code, MVVM , Git , Jetpack Compose library , Room Database(MySQLite), Firebase Database, Retrofit , Ktor http request, Google ML Kit.

EDUCATION

BSC in Computer Science And Engineering,	Higher Secondary Certificate,
Rajshahi University Of Engineering And Technology, Kazla, Rajshahi–6400, Bangladesh. Date Attended : Jan 2020 – Present(6th Semester) Current CGPA : 3.43 out of 4.00 Expected Graduation : February – 2025	**Chowgacha Government College, Chowgacha, Jashore.** Date Attended : April 2017 – March 2019 Result : GPA 5.00 out of 5.00 Education Board : Jashore

PROJECTS & COLLABORATIONS

TodoApp

Used Kotlin as a programming language and Jetpack Compose for UI design. Implemented Kotlin data class , nullable type variable , Scrollable Column, Room Database, Date and Time Picker.
Key features :

- Add todo item,
- delete todo item,
- Add deadline date and time
  https://github.com/rasel-093/TodoApp

Money Management

Basically I have implemented TextField, Text and Button Composable here. Completing this project I have learnt how does recompose work and how to save data in the textfield when device rotation or themes are changed.
Key features :

- Add transaction item,
- delete transaction item,
- Show total income and expense of a month
- Show Pie and Bar graph of income and expense
- Add goal
- Simple suggestions based on transaction
  https://github.com/rasel-093/Money_Management1

FerApp

FerApp is a realtime emotion recognition app. FerApp is a github open source project. I have cloned the project and added some extra features in collaboration with one of my friends. Initially FerApp just showed current emotion. We added registration, login and storing emotions features. Now users can register , login and can store their detected emotion in local database. Emotions can be deleted one by one or all.

Key features:
- Login and Registration in Local Database
- User authentication
- Store detected emotion
- Gives advice based on detected emotion
- Clear detected emotion history one by one or all in one click
  https://github.com/rasel-093/FerApp

MediTail

This is a Dr. appointment related software. Any pharmacy shopkeeper can be registered as a retailer. If a patient goes to a pharmacy shopkeeper then the shopkeeper can request an appointment filling the patient details. An admin can accept or reject any appointment request. Retailer has a cash box . If any request is accepted filling the required bill then the mentioned percentage will be automatically added to the corresponding retailer's cashbox. I have implemented this software both using firebase realtime database and firestore database . This was a paid task .

Certifications:

- Introduction To Android Mobile Application Development by Meta.
- Version Control by Meta
- Create The User Interface in Android Studio by Meta
- Basic Kotlin Programming by Meta
- Advanced Kotlin Programming by Meta

REFERENCES

Prof. Dr. Md. Al Mamun

Professor,

Department of Computer Science And Engineering,

RUET

Email : a.mamun@cse.ruet.ac.bd

Phone: +880-1712622764