Internship Report

On

REBER APPLICATION

A report submitted in partial fulfillment of the requirements for the Award of Degree of

BACHELOR OF COMPUTER APPLICATION

By

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Regd. No.: NSU2103112

Under Supervision of Mr. Rahul Kumar , IT Team Lead

Bihar Techno Group ,Patna.

(Duration: 26ᵗʰ October 2023 to 26ᵗʰ December 2023)

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY
NETAJI SUBHAS UNIVERSITY, JAMSHEDPUR
JHARKHAND

2021-24

NETAJI SUBHAS UNIVERSITY JAMSHEDPUR, JHARKHAND
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION
TECHNOLOGY

CERTIFICATE

This is to certify that the project entitled **"REBER APPLICATION"**, is bonafide work of **ROHAN RAJ GUPTA** bearing Registration Number: *NSU2103112* submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF COMPUTER APPLICATION** from **NETAJI SUBHAS UNIVERSITY, JHARKHAND**.

H.O.D

DATE : 11-07-2024   UNIVERSITY SEAL

BIHAR TECHNO GROUP

Internship Certificate

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rohan Raj Gupta,** a 5th Semester BCA Student, Batch 2021 - 2024, having Roll No. **NSU2103112** from **Netaji Subhas University, Jamshedpur** has successfully completed the Internship in the company (**WFH** Mode).

The project "**REBER APPLICATION** " was performed under the supervision of Mr. Rahul Kumar, IT Team Lead during the period from **26th Oct 2023** to **26th Dec 2023**.

We wish him best of luck for future endeavors.

Deepak Kumar

HR - Recruitement Process,
Bihar Techno Group

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ACKNOWLEDGEMENT

First, I would like to thank Mr. Harish Kumar, HR, Head of Bihar Techno Group, Patna for giving me the opportunity to do an internship within the organization.

 I also would like all the people that worked along with me at Bihar Techno Group, Patna with their patience and openness they created an enjoyable working environment. It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals. I am highly indebted to H.O.D of our IT dept (Dr. Ranjan Kumar Mishra) for the facilities provided to accomplish and for his constructive criticism throughout my internship.
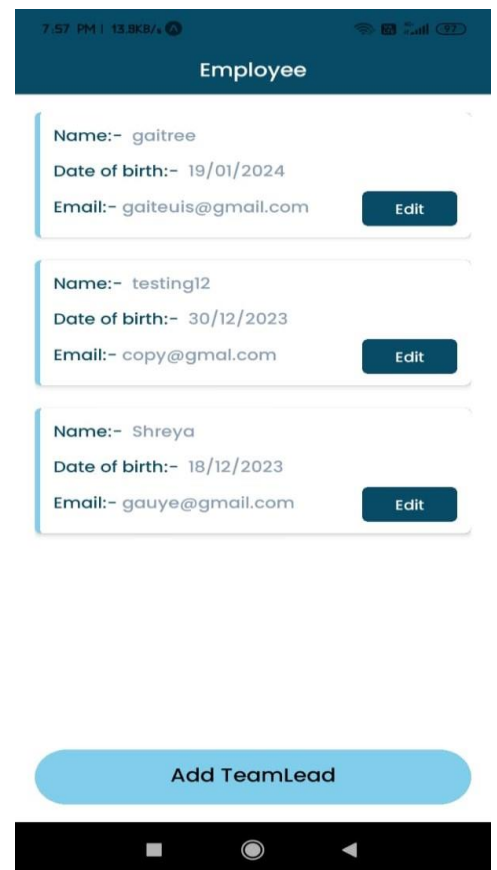
Also Thankful to all faculty members for loving inspiration and timely guidance. We also wish to express our sincere thanks to the Department of Computer Science & Information Technology of **NETAJI SUBHAS UNIVERSITY** for accepting this project. Thanks for all your encouragement.

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Task 1:   Design UI for Reber Application using React Native and Expo Firebase.

- Construct the application's front end using the Figma designs provided.

- Learned how to created a responsive application and function of hooks(useState, useRef, etc).

- Number of features applied such as keyboardAvoidingView to keep it from obscuring the view , Native base Provider, use of Dimensions ,etc to make it responsive.

- Used the features of navigation to switch between different screens.

- Discovered how to link any application to Firebase and learnt about its features and applications.

- Developed Login Pages, Entry Timesheet, Time sheet.

- Added Team Lead's data to the firestore in firebase.

- Data extraction from the Firestore database and display on the application's input field .

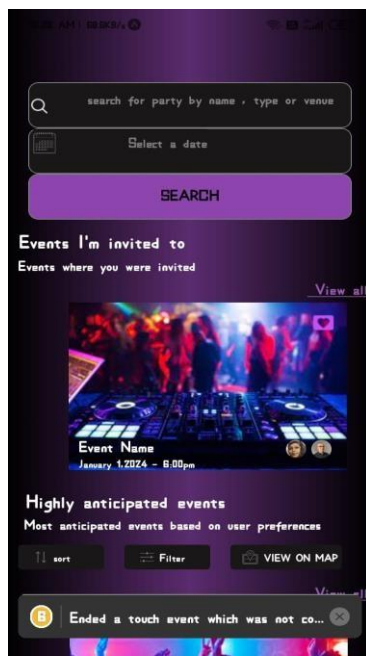- Functionality added to Updated Data in a firebase's firestore.

```
//fetch data from firebase

useEffect(() => {
    firebase.firestore()
        .collection('TeamLead')
        .doc(userId)
        .get()
        .then(documentSnapshot => {
            const user = []
            console.log('User exists: ', documentSnapshot.exists);

            if (documentSnapshot.exists) {
                console.log('User data: ', documentSnapshot.data());
                setUserName(documentSnapshot.data().name)
                setEmail(documentSnapshot.data().email)
                setDobDate(documentSnapshot.data().DOB)
                setPassword(documentSnapshot.data().password)

            }

        });
}, [])
```
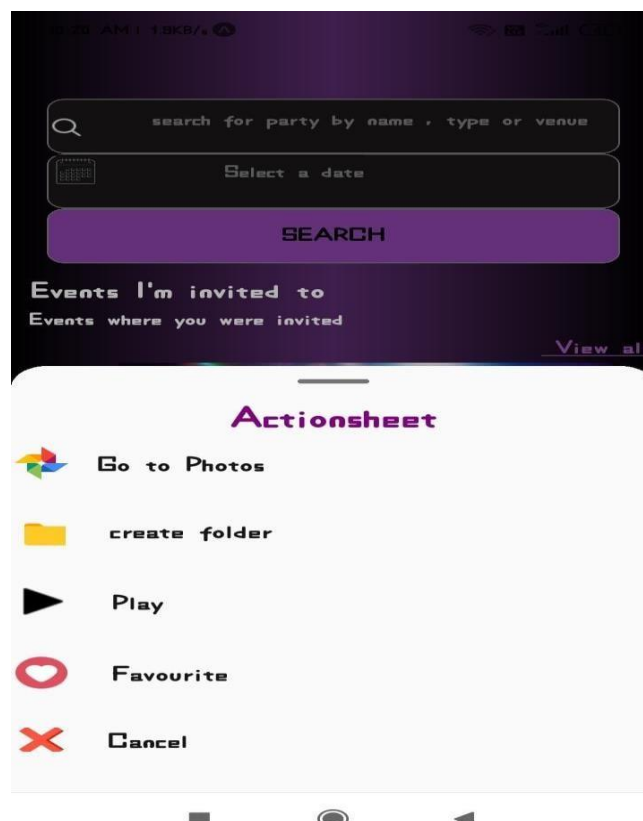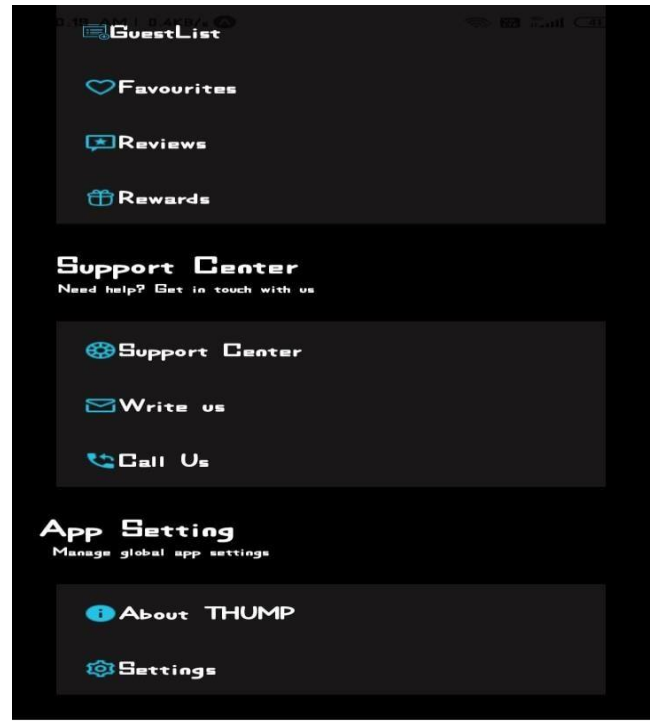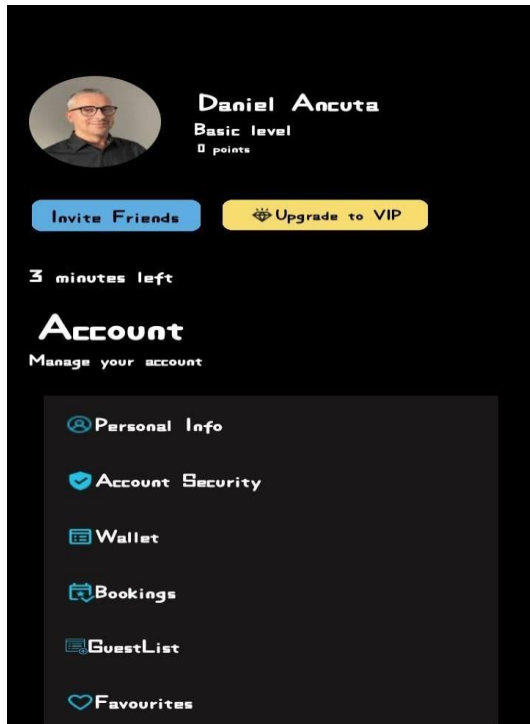
Task 2:   Design UI for Android Application using React Native and Expo.

- The UI is designed for a personalized user profile screen and includes features for managing account details, inviting friends, and accessing various sections of the application.

- Used Expo to facilitate the streamlined of a development process.

- Integration of the NativeBaseProvider to enhance UI components and styling.

- Included an action sheet with a number of options, including play, create folder and google photographs, to help users swiftly complete tasks.

- Combined a functionality, style, and user interaction which provides a visually engaging interface for users to explore and interact with events effectively.

- Learned how to build and add features for user's experience such as support centre, account management, navigation, action sheet etc.

Daniel Ancuta
Basic level
0 points

Invite Friends   Upgrade to VIP

3 minutes left

Account
Manage your account

Personal Info

Account Security

Wallet

Bookings

GuestList

Favourites

GuestList

Favourites

Reviews

Rewards

Support Center
Need help? Get in touch with us

Support Center

Write us

Call Us

App Setting
Manage global app settings

About THUMP

Settings

search for party by name , type or venue

Select a date

SEARCH

Events I'm invited to
Events where you were invited

View all

Actionsheet

Go to Photos

create folder

Play

Favourite

Cancel

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CONCLUSION

To sum up, the Reber Application is a well-made Android app for storing employee data. This application was created with React Native, Expo, and Firebase. These technologies give users an easy-touse interface, which makes it easier to save data about employees, as maintaining records of such a large amount of data manually may be challenging.

The application is primarily divided into four sections: admin, team lead, employee, and add user. Data about the employees, such as name, date of birth, and email address, is stored here. offers password authentication and secure applications because, in the modern world, data security is a top priority.
The technology makes it simple to update and retrieve employee data.

Consequently, a system that is efficient, dependable, and secure guarantees the easy management of employees' daily records and, as a result, significantly contributes to the success of the company.

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- *https://stackoverflow.com/*