

**DEPARTMENT OF COMPUTING COMP3130
2021**

Mobile Application Development

Report on Peek & Go

Submitted by: Bharosha Poudel
Student Id: 45705879
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Introduction

Peek & Go, is a mobile application designed to provide traveller with opportunity to explore the culture, food, adventure, and beauty of a selective city. Through this mobile application the users are able list any restaurants, hotel, resorts, recreational activity and sightseeing spots and so on. This platform allows service providers to advertise their product while tourists are able to explore more about a specific city.

The idea behind the name Peek & Go is to encourage users to just have a look at it and then decide to go to that location. It helps people to make speedy decisions.

For this project I used my mobile phone (Samsung galaxy S7 edge G9350) for stimulation. The dimensions are as follows:

Size: 5.5 inches

Resolution: 1440 x 2560

Logging In

The welcome screen allows a registered user to login, while provides a new user with the option to register and sign up to gain access to the application. As the application deals with keeping list of users reviews and new advertisement, having every user logged in, is crucial.

The user can register as a new user and then login, or a few user accounts has been made to help with testing. The premade user accounts are as follows:

User1:

Email: tom@gmail.com

Password: 0000

User2: jerry@gmail.com

Password: 1111

Registration

The register Button takes the user to fill in a form that allows you become a registered user.

User Account

The account page provides users with a brief summary of their profile as well as displays all the option to navigate through the application. The user is able access their previous listing as well as add new listings. The user is allow able to access the search page, where they can filter through categories to simplify their search. The users are also provided with the option to view their listings in detail. Tab navigation is used in user account screen. The user account

has an option to pick the city as well. However, since, this is the start of this application, it is limited to Pokhara, a city in Nepal

New listing form

To add a new listing a user can access the form through the tab navigation situated in the bottom of account page, which is called Add New.

Search

The users are able to filter through their categories, in this case; Eat, Play, and Sleep. Eat represents, eateries and restaurants, Play represents adventurous or exciting activities such as hiking or paragliding, and finally, Sleep represents hotels and resorts.

Log out

The log out option is provided in the account page. This is the only point where users are allowed to log off their account, which closes down the whole application.

Conclusion

I completed this project through the implementation of codes provided in the lectures and workshop classes. The react-native website (<https://reactnative.dev/docs/components-and-apis>) was used to help me.

Expo published link:

Link for the project: <https://expo.io/@bharosha/BookWorm>