CS-360-H7351 Mobile Architect & Programming

2-2 Assignment: User Components and Data

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* **Discuss the features of the mobile app.** After you have chosen a mobile app to analyze, briefly identify the app and explain its purpose. Then address each of the following:

The app I’m using for this assignment is again the Bitwarden app that I used in the previous module.

The features of the app is that it lets you save logins, credit cards, identities and secure notes.

The screens of the app are:

main screen: Shows the favorites, each type of feature and folders, the

logins screen: Shows all the logins and allows for the creation of logins

credit cards screen: Shows all credit cards and allows for the creation of credit cards identities screen: Shows all identities and allows for the creation of identities

secure notes screen: Shows all the secure notes and allows the user to create secure notes

The major UI components for each screen is as follows:

It has a search component, login screen, it has four components that allow for the same functionality: login, credit card, identity and secure notes. All of them allow you to add new types as well as edit and delete existing types.

Data is included on every screen of the application and is interacted by the user

* **Discuss the possible data sources of the mobile app.**

The only data source for the application is an online database that is maintained by the developer of the Bitwarden application. My guess is the data is delivered via an API, but I cannot confirm that because that information is made available in the app. There is no offline data that is held

* **Explain how the data that users interact with helps them meet their goals.**

The users interact with the data by either selecting a data type to view the details of that type or by creating, updating, or deleting a data type. It also has an interaction where if a user is on a different application or web page and a login information was saved on that application or web page, they will be prompted to select the saved information for the application or web page. This results in the application inserting the saved information into the applicable fields.