

Startup 04 Report

Entity Descriptions

- A **User** entity is a client that has login info such as an *email*, *username* and *password* in order to login to the system. They also can customize their personal profile such as adding their own *profile image*. An *id* is given to each user to uniquely identify them.
- A **Cloud Service Authentication** allows a **User** to connect their account to an account on a cloud service such as Dropbox and Google Drive. This allows viewing and sharing of files from those cloud services.
- **Auth Detail** contains authentication information for whatever cloud service it's associated with.
- **Dropbox Auth Detail** is a kind of **Cloud Service Authentication** that connects the **User's** account to a Dropbox account of their choosing. An *id* field is used to uniquely identify that specific authentication. A *token* field allows the user to authenticate only once with logging in and gain this time-limited token which can be used to authenticate further in the session.
- **Google Auth Detail** is a kind of **Cloud Service Authentication** that connects the **User's** account to a Google Drive account of their choosing. An *id* field is used to uniquely identify that specific authentication. An *expiry* field details when the authentication detail will no longer be valid. A *token* field allows the user to authenticate only once with logging in and gain this time-limited token which can be used to authenticate further in the session.

Entity Uses

- **Home:** The Home page allows a **User** to scan the QR code to access their Dropbox/Drive
- **About:** The About page informs the **User** on Team Nectarine and who the developers of the app are.
- **Contact:** The Contact page allows a **User** to submit questions / bugs to the devs.
- **Help:** The Help page informs the **User** on how to properly use the app.
- **User_Profile:** The User_Profile page allows a **User** to change their *name*, *email*, *password*, and *profile image*.
- **Cloud_Services:** The Cloud_Services page allows a **User** to set up **Cloud Service Auth** for their account.

- **Mobile_Cloud_Services:** The Mobile_Cloud_Services page displays available **Cloud Service Auth** that the **User**, with shared *id*, has set up for their account.
- **Mobile_Files_and_Folders:** The Mobile_Files_and_Folders page displays files received from **Auth Details**.