

Working Prototype Known Problems Report | DataDiet | Peanuts Gang | December 2, 2019

Facebook and Google sign-in functionality

- The Facebook button causes crashes when the user tries to tap it to sign-in, so the button has been disabled until further notice. The Google sign-in, authenticates and logs the user in, but they are unable to use most of the functionality of the app due to Firebase not creating a database for the user. Most of the app's functionality is dependent on the user's information in the database so it is advised that they only use the email sign-in as the app will crash on most features without.

Checking if username already exists in SignUpViewController and EditUsernameViewController

- The creation and editing of a username is a bit glitchy when checking if the username is already taken, sometimes the user is able to choose a username that currently exists within the database.

Searching for friends in FindFriendsViewController

- When the user has activated the search bar to look for friends, if they do not hit the cancel button, (which is possible if they are not using an on-screen keyboard) and move to the "View Friends" or "Pending Requests" scene, then when they return to the "Find Friends" scene, the user will encounter a "bugged" black screen until the cancel button is tapped. The cause of this issue is unknown and can be entirely related to the use of scenes or a property in the UISearchController that was not taken into account.

Editing email in EditEmailViewController

- When the user edits their email in the account settings, the change is reflected in the account settings and in the user information stored in Firebase, but the user cannot actually use the new email to sign into their account because it was not executed through Firebase methods. The realization that the user needs to reauthenticate in order to actually change their primary email and then verify that the email belongs to them came too late for the changes to be made.

Rescanning product from history using new scanner settings

- When the user clicks on the product and confirms the rescanning, the product details page appears with the details of the new scan. However, when the history is revisited, the new scanning details are not displayed in the list. The product title is still visible but the new settings scanned and found disappear. This issue could be linked to the fact that the user settings are currently exclusively in the Scanner View Controller and not the History View Controller.

Adding friends in FindFriendsViewController

- When the user has already added someone as a friend, they are still able to search for them in the "Find Friends" Scene and hit the "Add Friend" button which will still send a friend request to that user. The friend request can be seen on that user's "Pending

Request” scene, but nothing will happen if the friend request is accepted as they are already friends. Also, when a user taps the “Add Friend” button, even after a successful friend request is sent, the button does not change or disappear, so you can still send repeated friend requests. Neither of these issues cause failures in the code, but are just small coding mistakes that waste time.