Functionality Implemented:

1. Allow a user to register and create an account <-complete
2. Allow a user to change their password/username/name <-complete
3. Allow users to enter purchases and incomes <-80% complete: still resolving issues regarding sync with external database
4. Keep track of user's balance and display to the user <-complete
5. Display purchase/income history <-80% complete: still resolving issues regarding sync with external database
6. Allow user to enter location of purchase ….not complete
7. Show statistics of user’s purchases/incomes based on location …not complete
8. Allow user to use GPS for location …not complete
9. Auto-complete location based on GPS/preset locations …not complete
10. Allow user to save location as a preset location …not complete
11. Show statistics of other users compared to user …not complete

I also created my internal and external databases, and wrote PHP scripts for all of the functions.

My JavaDoc comments are located at <https://people.cs.clemson.edu/~tmcvick/cpsc4820/files/javadoc_budget/index.html>

I do not have an authoring tool; my application will not allow users to populate the external database except through the app. This will allow the location data to be accurate.