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 <- complete
4. Keep track of user's balance and display to the user <-complete
5. Display purchase/income history <-complete
6. Allow user to enter location of purchase <-complete
7. Show statistics of user’s purchases/incomes based on location <-complete
8. Allow user to use GPS for location <-complete
9. Auto-complete location based on GPS/preset locations <-complete
10. Allow user to save location as a preset location <-complete
11. Show statistics of other users compared to user <-complete

There is some room for improvement before P4 regarding the location and statistics. Mainly, the statistics interface could be prettier, and I could add more comparisons.

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 and transaction data to be accurate (there will be no disagreement between the balance shown and the true balance).

My webservices are located on the people.cs.clemson server: for example, here is the get transactions service: https://people.cs.clemson.edu/~tmcvick/cpsc4820/budget/get\_transactions\_for\_user.php?id=5