Manual Testing:

1. Authentication:
   1. Tested logging in via google and email
   2. Tested whether sessions were maintained when closing tab and reopening
2. Profile:
   1. Tested whether updating user info in User information was reflected in profile
   2. Tested if null fields caused crashes
      1. Did not cause crash but did overwrite existing data with null
   3. Tested if closing session and reopening session maintained the profile info
   4. Tested if logging in on another computer maintained updated profile info
3. Chat:
   1. Tested whether chat messages were being saved when tab was closed
   2. Tested whether username in chat changed when the profile name was changed
   3. Tested whether chats from one instance of the app were available to users using another instance of app
   4. Tested whether chat properly extended below window when the amount of lines exceeded window size
      1. Successfully created a slider but the chat window does not automatically slide down to the newest chat
4. Journal:
   1. Tested if updating journal would change the values in Leaderboard.
   2. Tested if updating journal worked with no values
      1. If the values were null, a null was inserted into the database. While this did not create a crash, it did create some unexpected behavior in other parts of the application like leaderboard and fitness data
   3. Tested if updating journal works with no value selected
      1. The values were sent to a null field in the database
5. Fitness Data:
   1. Tested if updating journal showed a change in the fitness data graph
   2. Tested if updating Weight/Height showed a change in BMI in the fitness data graph
   3. Tested if selecting different exercises properly displayed their data
   4. Tested if BMI calculations were correct using https://www.nhlbi.nih.gov/health/educational/lose\_wt/BMI/bmi-m.htm