Assignment: Test the functionality of a fitness tracking mobile app. The app should have the following features:

- The ability for users to log workouts, including exercises, sets, and reps.
- The ability for users to track progress over time and set goals for fitness and nutrition.
- The ability for users to connect with friends and share progress and achievements.
- The ability for users to access a library of exercises and workout plans.
- The ability for users to integrate with other fitness apps and devices.

Requirements:

- Use a testing framework such as Appium to automate testing of the mobile app.
- Develop a comprehensive test plan that covers functional testing, usability testing, and performance testing.
- Use exploratory testing techniques to identify and report defects and bugs.
- Document test results and provide regular status updates to the development team.
- Collaborate with the development team to prioritize and resolve defects and bugs.
- Continuously improve testing processes and methodologies to enhance quality and efficiency.
- Provide recommendations for improving the user experience and functionality of the fitness tracking app based on testing results.

Submission:

- Provide a link to the code repository on GitHub that contains the automated test suite.
- Provide a written test plan that outlines the testing approach and test cases.
- Provide a summary of test results and recommendations for improving the app.

We will review your submission and evaluate it based on the following criteria:

- Thoroughness: Does the test plan cover all aspects of the fitness tracking app's functionality and user experience?

- Quality: Are the test cases well-written and comprehensive?
- Automation: Are automated tests developed and implemented properly?
- Communication: Are the test results and recommendations clearly presented?
- Collaboration: Is the QA Engineer able to work effectively with the development team to prioritize and resolve issues?

Good luck with the assignment, and we look forward to reviewing your submission!