

CS458
SOFTWARE VERIFICATION AND VALIDATION
2019-2020 SPRING
PROJECT # 2
INTRODUCTION TO TEST AUTOMATION (MOBILE)

Instructions

You are asked to do the following staff as a team work:

1. Implement the mobile-native occupation survey page. The page can work on both Android and iOS. The page should ask for
 - Name-surname
 - Birth Date
 - City
 - Gender
 - Occupation (Free text area)

When the areas are supplied with proper data, the “Send” button appears at the bottom area.

2. Examine Appium which automates mobile applications. List main 10 capabilities.
3. Write 5 test cases for your occupation survey page.
4. Write test automation code for 5 test cases using Appium for your login page. Attach your code.
5. Evaluate your mobile automation experience.
6. Compare Appium and Selenium from your test automation experience.
- Prepare a report covering all of the above tasks.
- The **document should not exceed 20 pages** including the cover page.
- **Submit the document to the instructor till 5:00 PM on 6th of April.**
 - In electronic form (pdf or word) to the altunel@bilkent.edu.tr and TA (Nabil Abubaker nabil.abubaker@bilkent.edu.tr).
- Cheating is prohibited.
- Your own ideas and your own words are expected.
- Creativity is appreciated.

Good luck