ID: 180917

Course: Software Testing

Date: April 04, 2019

Class Summary

In the class on the date stated above we delved further into boundary value analysis. Boundary value analysis is a test selection technique that targets faults in applications at the boundaries of equivalence classes. Tests identified from both equivalence class testing and boundary value analysis may overlap. In boundary value analysis the input domain is first partitioned using uni-dimensional partitioning which leads to as many partitions as there are input variables. Boundaries are then identified and the test data is selected.

It is recommended that input variables be examined closely while identifying boundaries along the input domain. Additional tests may also be obtained from individual partitions of the input domain. Pertaining to the class exercise we were required to test the date picker and spinner applications from last semester using the Calabash testing framework. We were also required to contemplate about testing IOS applications, web testing and general testing. Testing IOS application can be achieved using Calabash as it is a cross platform testing framework for mobile devices whereas web testing (web service and graphical) can be tested using the Cucumber testing framework.