ID: 180917

Course: Software Testing

Date: April 18, 2019

Class Summary

In the class on the date above we were taught how to use the Cucumber testing framework to test a database. The communication to the database is accomplished using the ActiveRecord ruby gem with just a few lines of code. For the class exercise we were required to test a bank application’s database using Cucumber. The application utilized a sqlite3database and as such the ActiveRecord sqlite related module was used. Using classes containing attributes that correlate to the fields in the database in addition to extending the ActiveRecord class allows the ruby application to communicate with the database and the data can be referenced or even manipulated. An example is shown below:

account = Account.find\_by\_number(2214)

The Account class extends the ActiveRecord class thus acquiring all the necessary methods from its parent class to communicate with the bank database.