

# CSCI 3901 Project

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## Blackbox tests:

### Completed target as per planning:

[1] Breakdown analysis

[2] Planning and black box testing

[3] External documentation

[4] Programming:

- **MobileDevice(String configurationFile, Government contactTracer):** valid input of filename and details in the file and generating hashcode of address and device Name by merging these details.
- **recordContact(String individual, int date, int duration):** checking valid input, duplicate values and handling hash tables in which key as mobile device and value as contact details also completed testing and debugging of this section.
- **positiveTest(String testHash):** added test hash code of mobile device to hash table contains mobile device as key and test hash code as value.
- **synchronizeData():** readed every value from the hash table and converted it to XML file and called mobileContact with initiator and XML file name.
- **government(String configurationFile):** valid input of filename and details in the file and storing it to different variables.
- **Setting up SQL connection:** successful
- **Main UI creation**

[5] handling different cases of mobile device class and government and test case of mobile device

### Not Completed target as per planning:

[1] Schema design, ER diagram

[2] mobileContact, recordTestResult, findGathering functions in government

- [3] Optimization of code and modify code style by checking software development concept
- [4] testing and debugging
- [5] Documentation