**CSCI 511: Midterm Progress Report**

**Project Name**: Bank Teller System on Raspberry Pi

**Project Members**: Brandon Rowe, Josh Howard, Conner Murray

**Project Update**: The project is being written in Java, with some slight conceptual changes from our original plan. Both bank employees and customers will be able to log in to the system and retrieve information. Bank employees will be able to view all the core functionality as originally planned (view customer accounts, withdraw, deposit, password reset, etc.), but customers will also be able to log in to the same system to view and make changes that are relevant to their own account like transaction history, password reset, change of contact information, but not have the ability to withdraw/deposit. In other words, employees have full access and customers have limited access and require the help of a bank employee to help them withdraw/deposit their funds from behind the counter. So far, we have completed most of our scheduled work (to this point) and added a few additional features to the list. Slight adjustments were made to the plan because we realized we could make the system usable by a larger base rather than just bank employees.

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| 1 | * Research project details **Done** * Buy for the items we need   + Raspberry Pi **Done**   + Touch screen **In Progress**   + Case **Done** |
| 2 | * Create and set-up customer class **Done** * Create and set-up employee class **Done** * Create and set-up driver class **Done** |
| 3 | * Code withdraw and deposit functions **Done** |
| 4 | * Code additional functions * Transaction history **50% Complete** * Password reset **Done** |
| 5 | * Code change of contact information function **ETA: Thursday (10/10/19)** * Code written for login **Done** * Design GUI for login **Done** |
| 6 | * Design GUI for main form * Create text fields & buttons * Create list of functions (Withdraw, deposit, history, etc.) |
| 7 | * Design GUI forms for functions and bind code to them: * Withdraw * Deposit |
| 8 | * Design GUI forms for functions and bind code to them: * Transaction History * Password Reset |
| 9 | * Design GUI form for function and bind code to it: * Change of contact information * Code additional function * Debit/credit card pin change |
| 10 | * Code additional function * Debit/credit card cancellation |
| 11 | * Design GUI forms for last two functions and bind the GUI to the code |
| 12 | * Prepare presentation * Write final report |

**Updated Timeline:**