Project Requirements

CMSC 495 6380

5/28/2021

Group 5

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**Revision History**

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| **Date** | **Name** | **Description** |
| 5/28 | Summer | Created document with cover page, revision history table, and outline |
| 5/31 | Sean | Added initial requirement items |
| 6/1 | Keith | Added 2 additional items, phrasing to the topic |
| 6/1 | All | Additional requirements and revision over zoom call |
| 6/8 | Sean | Updates and revisions based on feedback, to include moving revision history table, addressing feedback for requirements 6,10, and 13, and adding an additional requirement to address feedback regarding overdrafting |

**Topic**

Cobra Bank App is a simple web application that allows users to view their accounts, transfer, deposit and withdraw money from their account.

**Requirements**

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| **Requirement #** | **Description** |
| 1 | This system shall provide a web user interface |
| 2 | This system shall allow users to log in and log out |
| 3 | The system shall allow new users to register |
| 4 | This system shall log user access attempts |
| 5 | This system shall allow users to make deposits |
| 6 | This system shall allow users to make withdrawals, to include overdrafting accounts |
| 7 | This system shall allow users to view their balance |
| 8 | This system shall only allow a savings and checking account |
| 9 | This system shall allow users to transfer balances between account types |
| 10 | This system shall allow accounts to collect interest calculated as a flat 0.5% APY |
| 11 | This system shall prompt users for verification before executing actions |
| 12 | This system shall alert users for invalid transactions to include overdrawing accounts |
| 13 | This system shall charge an overdraft fee of $20 per overdraft transaction |
| 14 | This system shall not prevent account overdraft |