CISC 327 Assignment #1: Front End Requirements

Submitted By:

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Create Account:

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| Requirement | Test No. | Test Name | Purpose | Input | Input File | Output | Output File |
| No transaction while in atm mode | CA.1 | Atm createacct | Can’t create account while in atm mode | login  atm  createacct  logout | CA\_IN1 | Error prompt for user explaining they must be in agent mode | CA\_OUT1 |
| Transaction must occur in agent mode | CA.2 | Agent mode check | Verifies that user is in agent mode when requesting to create account | login  agent  createacct  logout | CA\_IN2 | Success prompt | CA\_OUT2 |
| Invalid Inputs for create account | CA.3 | Zero first digit account amount | Identifies when an account number starts with zero | login  agent  createacct  0123456  Michael  logout | CA\_IN3 | Error prompt for the user to submit an account number that does not start with zero | CA\_OUT3 |
| CA.4 | Under seven-digit account number | Identifies when an account number has less than seven digits | login  agent  createacct  1234  Michael  logout | CA\_IN4 | Error prompt for the user to submit an account number that is exactly seven-digits | CA\_OUT4 |
| CA.5 | Over seven-digit account number | Identifies when an account number has over seven-digits | login  agent  createacct  1234506436  Michael  logout | CA\_IN5 | Error prompt for the user to submit an account number that is exactly seven-digits | CA\_OUT5 |
| CA.6 | Letter in account number | Identifies when an account number contains an alphabetical character | login  agent  createacct  1234P56  Michael  logout | CA\_IN6 | Error prompt for the user to submit an account number that only contains whole numbers. | CA\_OUT6 |
| CA.7 | Unique account number | Identifies when an account number matches an existing account number | login  agent  createacct  1234567  Michael  logout | CA\_IN7 | Error prompt displaying account exists for that account and for the user to submit a unique account number. | CA\_OUT7 |
| CA.8 | Under three-digit account name | Identifies when an account name has less than three digits | login  agent  createacct  1234567  ME  logout | CA\_IN8 | Error prompt for the user to submit an account name that is between three and thirty character. | CA\_OUT8 |
| CA.9 | Over thirty-digit account name | Identifies when an account name has over than thirty digits | login  agent  createacct  1234567  Michael1111111111111111111111111111  logout | CA\_IN9 | Error prompt for the user to submit an account name that is between three and thirty characters. | CA\_OUT9 |
| CA.10 | Space first character in account name | Identifies when an account name starts with a space | login  agent  createacct  1234567  Michael  logout | CA\_IN10 | Error prompt for the user to submit an account name that does not start or end with a space. | CA\_OUT10 |
| CA.11 | Space last character in account name | Identifies when an account name end with a space | login  agent  createacct  1234567  Michael  logout | CA\_IN11 | Error prompt for the user to submit an account name that does not start or end with a space. | CA\_OUT11 |
| No transaction after create account | CA.12 | Deposit after createacct | Identifies when a deposit is executed after creating a new account | login  agent  createacct  1234567  Michael  Deposit  1234567  100  logout | CA\_IN12 | Error prompt telling the user they cannot execute a deposit task for new account. | CA\_OUT12 |
| CA.13 | Withdraw  after createacct | Identifies when a withdraw is executed after creating a new account | login  agent  createacct  1234567  Michael  withdraw  1234567  100  logout | CA\_IN13 | Error prompt telling the user they cannot execute a withdraw task for new account. | CA\_OUT13 |
| CA.14 | Transfer after createacct | Identifies when a transfer is executed after creating a new account | login  agent  createacct  1234567  Michael  transfer  1234567  7654321  100s  logout | CA\_IN14 | Error prompt telling the user they cannot execute a transfer task for new account. | CA\_OUT14 |
| CA.15 | Delete after createacct | Identifies when a delete account transaction is executed after creating a new account | login  agent  createacct  1234567  Michael  transfer  1234567  Michael  logout | CA\_IN15 | Error prompt telling the user they cannot execute a delete task for new account. | CA\_OUT15 |
| Successful account creation | CA.16 | Create account | Check that user can create valid account | login  agent  createacct  1234567  Michael  logout | CA\_IN16 | Account created successfully (saved to transaction file) | CA\_OUT16 (transaction) |

Delete Account:

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| Requirement | Test No. | Test Name | Purpose | Input | Input File | Output | Output File |
| No transaction while in atm mode | DE.1 | atm createacct | Can’t create account while in atm mode | login  atm  deleteacct  logout | DE\_IN1 | Error prompt for user explaining they must be in agent mode | DE\_OUT1 |
| Transaction must occur in agent mode | DE.2 | Agent mode check | Verifies that user is in agent mode when requesting to create account | login  agent  deleteacct  logout | DE\_IN2 | Success prompt | DE\_OUT2 |
| Invalid Inputs for delete account | DE.3 | Account number not valid | Identifies when an account number does not exist. | login  agent  deleteacct  1234568  Michael  logout | DE\_IN3 | Error prompt for the user to submit an account number that does not start with zero | DE\_OUT3 |
| DE.4 | Account name not valid | Identifies when an account name does not exist. | login  agent  deleteacct  1234578  Aflie  logout | DE\_IN4 | Error prompt for the user to submit an account number that is exactly seven-digits | DE\_OUT4 |
| DE.5 | No account number and account name match | Identifies when an account number does not match its corresponding account name | login  agent  deleteacct  1234567  Alfie  logout | DE\_IN5 | Error prompt for the user to submit an account number that is exactly seven-digits | DE\_OUT5 |
| No transaction after delete account | DE.6 | Deposit after deleteacct | Identifies when a deposit is executed after deleting an account | login  agent  deleteacct  1234567  Michael  Deposit  1234567  100  logout | DE\_IN12 | Error prompt telling the user they cannot execute a deposit task for deleted account. | DE\_OUT12 |
| DE.7 | Withdraw  after deleteacct | Identifies when a withdraw is executed after deleting an account | login  agent  deleteacct  1234567  Michael  withdraw  1234567  100  logout | DE\_IN13 | Error prompt telling the user they cannot execute a withdraw task for deleted account. | DE\_OUT13 |
| DE.8 | Transfer after deleteacct | Identifies when a deposit is executed after deleting an account | login  agent  deleteacct  1234567  Michael  transfer  1234567  7654321  100  logout | DE\_IN14 | Error prompt telling the user they cannot execute a transfer task for deleted account. | DE\_OUT14 |
| Successful account deletion | DE.9 | Delete account | Check that user can delete valid account | login  agent  deleteacct  1234567  Michael  logout | DE\_IN15 | Account deleted successfully (saved to transaction file) | DE\_OUT15 |