**PASSWORD PROGRAM: TESTING DOCUMENT**

Kyle Christie

[B00415210]

Lecturer: Joanna Olszewska

Algorithms & Collections



**Plan**

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| --- | --- | --- | --- |
| Case # | Description | Data | Expected Results |
| PT1 | Create a new Account (Acceptable) | Username: markus101  Password: (generate)  Email: markus101@gmail.com  Date Created: (current\_date)  Date last used: (current\_date) | Account is created |
| PT2 | Create a new Account (Exceptional) | Username: ffgghhjjkkll  Password: pass12  Email: ffgghhjjkkllzz  Date Created: (blank)  Date last used: (blank) | Account is not created. Exception thrown. |
| PT3 | Delete Account (Acceptable) |  | Account is deleted from Database |
| PT4 | Delete Account (Exceptional) |  | Account is not deleted from database. Exception thrown. |
| PT5 | Edit Account (Acceptable) | Username: julia1131  Email: jules@hotmail.com | Account edited on Database |
| PT6 | Edit Account (Exceptional) | Username: doesntexist10  Email:doesntexi(at)gmailemail.comom.eu | No edit committed. Exception Thrown. |
| PT7 | Sort into Alphabetical order |  | Account listing sorted into Alphabetical order. |
| PT8 | Sort into Most recently created |  | Account listing sorted by latest creation date |
| PT9 | Sort into Earliest created |  | Account listing sorted by earliest creation date |
| PT10 | Sort into Last used |  | Account listing sorted by latest last use date |
| PT11 | Sign into online Account |  | Online account signed into on browser |
| PT12 | Check for breaches on email | Email: jules@hotmail.com | Results opened on online breach website |

**Results**

|  |  |  |  |
| --- | --- | --- | --- |
| Case # | Actual Results | Success/Failure? | Notes |
| PT1 | Account successfully added message, Account present in table on restart | Success | Test went as expected, restarts required for new data to load |
| PT2 | Account successfully added message, exception thrown as email was not valid, Account present in table on restart without email or date created | Failure | Exception thrown but Account was still created |
| PT3 | Account ‘test’ successfully deleted | Success |  |
| PT4 | Account ‘ffggghhjjkkll’ not deleted | Success |  |
| PT5 | Account succesfully edited message, Account ‘ffggghhjjkkll’ edited with test data | Success |  |
| PT6 | Succesfully edited message, exception thrown for invalid email, edit was made to account | Failure | Clearly accounts can still be created/edited even if some fields are invalid. This should be looked into |
| PT12 | Breach website successfully opened, pasting data displays results | Success | Case/Task is based purely on whether the user follows the message and pastes their email into the site. |