**PASSWORD PROGRAM: TESTING DOCUMENT**

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Algorithms & Collections



**Plan**

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| --- | --- | --- | --- |
| Case # | Description | Data | Expected Results |
| 1 | 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 |
| 2 | Create a new Account (Exceptional) | Username: ffgghhjjkkll  Password: pass12  Email: ffgghhjjkkllzz  Date Created: (blank)  Date last used: (blank) | Account is not created. Exception thrown. |
| 3 | Delete Account (Acceptable) |  | Account is deleted from Database |
| 4 | Delete Account (Exceptional) |  | Account is not deleted from database. Exception thrown. |
| 5 | Edit Account (Acceptable) | Username: julia1131  Email: jules@hotmail.com | Account edited on Database |
| 6 | Edit Account (Exceptional) | Username: doesntexist10  Email:doesntexi(at)gmailemail.comom.eu | No edit committed. Exception Thrown. |
| 7 | Sort into Alphabetical order |  | Account listing sorted into Alphabetical order. |
| 8 | Sort into Most recently created |  | Account listing sorted by latest creation date |
| 9 | Sort into Earliest created |  | Account listing sorted by earliest creation date |
| 10 | Sort into Last used |  | Account listing sorted by latest last use date |
| 11 | Sign into online Account |  | Online account signed into on browser |
| 12 | Check for breaches on email |  | Results opened on online breach website |

**Results**

|  |  |  |  |
| --- | --- | --- | --- |
| Case # | Actual Results | Success/Failure? | Notes |
|  |  |  |  |