**PASSWORD PROGRAM: REQUIREMENTS TRACING**

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Algorithms & Collections



**Requirements Traceability Matrix**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement Traceability | | Requirements | | | | | | |
| PRQ01 | PRQ02 | PRQ03 | PRQ04 | PRQ05 | PRQ06 | PRQ07 |
| X | X | X |  | X | X |  |
| Test Cases | PT1 |
| PT2 | X | X | X |  | X | X |  |
| PT3 | X | X | X |  | X |  |  |
| PT4 | X | X | X |  | X |  |  |
| PT5 | X | X | X |  | X | X |  |
| PT6 | X | X | X |  | X | X |  |
| PT7 |  |  |  | X |  |  |  |
| PT8 |  |  |  | X |  |  |  |
| PT9 |  |  |  | X |  |  |  |
| PT10 |  |  |  | X |  |  |  |
| PT11 |  |  | X |  |  |  |  |
| PT12 |  |  |  |  |  |  | X |

**Requirements**

PRQ01 = Generates passwords

PRQ02 = Store user data/account

PRQ03 = Separate user data by different accounts

PRQ04 = Can sort and search accounts

PRQ05 = Working gui

PRQ06 = Encrypts data

PRQ07 = Working security measures