**CHECKLIST**

Admin.py

Can log in to admin accounts only

Text

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Able to validate input and go into all options a,b,c,d,e,f

1. ***User functions***
   1. *Admin Login*
      1. *Able to login to admin accounts only*

Text

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* 1. *Register User*
     1. *Able to register user account*
     2. *validate secure password*

Text

Description automatically generated

* + 1. *Able to register admin account*
    2. *validate secure password*

Text

Description automatically generated

* 1. *Edit User*
     1. *Exit out of edit user if ID is wrong 3 times*

Text

Description automatically generated

* + 1. *Able to verify existing user*
    2. *Validate secure password*
    3. *Changes are written into csv file*

Text

Description automatically generated

* 1. *Delete User*
     1. *Exit out of delete user if ID is wrong 3 times*

Text

Description automatically generated

* + 1. *Double confirm (y|n) works*
    2. Able to delete user from csv file

Text

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* 1. *Retrieve User List*
     1. *Able to retrieve list of all users*

Text

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* 1. *Back to prev*
     1. Able to go back to previous

1. ***Define various options***
   1. *Set quiz timer*
      1. *Verify valid positive integer of no more than 60*
      2. *Changes are written into csv file*

Text

Description automatically generated

* 1. *Set number of questions tested*
     1. *Verify valid positive integer of no more than 60 (don’t go above ur question\_pool count if not will crash)*
     2. *Changes are written into csv file*

Text

Description automatically generated

* 1. *Set total attempts for quiz*
     1. *Verify valid positive integer of no more than 60*
     2. *Changes are written into csv file*

*Text

Description automatically generated*

* 1. *Back to prev*
     1. *Able to go back to previous*

1. ***Setup the pool of quiz questions***
   1. *Add Question*
      1. *Able to enter new question and options*
      2. *Able to validate input for (a|b|c|d)*
      3. *Changes are written into csv file*

Text

Description automatically generated

* 1. *Edit Question*
     1. Verify question exists
     2. Able to enter new option
     3. Able to validate input for ans (a|b|c|d)
     4. Changes are written into csv file

Text

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* 1. *Delete Question*
     1. *Verify question exists*
     2. *Able to validate input (y|n)*
     3. *Able to delete question*
     4. *Changes are written into csv file*

Text

Description automatically generated

* 1. *Retrieve Question List*
     1. *Able to retrieve all questions*

Text

Description automatically generated

* 1. *Back to prev*
     1. *Able to go back to previous*

1. ***Plus Minus Attempts***
   1. *Reset All Attempts*
      1. *Able to reset all attempts to stated amount in quiz\_settings.csv*
      2. *Changes are written into csv*

Text

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* 1. *Plus 1 Attempt to all users*
     1. *Able to add one attempt to all users only accounts*
     2. *Changes are written into csv*

Text

Description automatically generated

Text

Description automatically generated

* 1. *Minus 1 Attempt to all users*
     1. *Able to minus one attempt to all users only accounts*
     2. *Changes are written into csv*

Text

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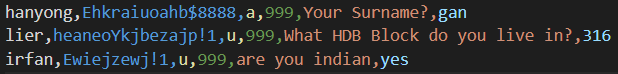
Text

Description automatically generated

* 1. *Set to unlimited attempts*
     1. *Able to set all user attempts to “999” as unlimited attempts*
     2. *Changes are written into csv*

Text

Description automatically generated



* 1. *Back to prev*
     1. *Able to go back to previous*

1. ***Generate Report***

* *Able to generate user’s results*

Text

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1. ***Exit***

* *Able to exit program*

User.py

Validate input (a) to (c) or (d) works

Text

Description automatically generated

1. ***Start Quiz Application***
   1. Verify user exists, if not, return to menu after 3 tries
   2. Verify user’s password, if not, return to menu after 3 tries
   3. Questions are randomized and printed out
   4. Input answers are validated
   5. Validate (N) and (P) works
   6. Able to make changes
   7. Able to submit quiz
   8. Validate if 0%, return 0% , If more than 0% return a proper percentage
   9. Ask user if they want to reattempt, if they have 0 attempts, bring them to menu
   10. Validate that it works properly as programmed

Text

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1. ***Register User Account***
   1. Verify new user ID does not exist yet
   2. Verify password is secure
   3. Ask for secret question
   4. Ask for answer
   5. New account is written onto csv

Text

Description automatically generated

Graphical user interface, text, website

Description automatically generated

1. ***Reset Password***
   1. Verify user exists, if not, return to menu after 3 tries
   2. Prints secret question
   3. Allows up to a maximum of 3 tries
   4. Verify new password is secure
   5. Changes are written onto csv file

Text

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1. ***Exit***
   1. Able to exit the program