John Herrera

7/21/18

CSE480HA

3 Test Plans/Cases

Test Plans:

1. Black: AdditionTest method

* Valid: Will conduct addition between inputted numbers
* Invalid: Letters are entered
* Error: Addition binary operator is not inputted
* Boundary: Integers, Doubles, and Floats accepted
* Fault Tolerance: Executes on failure with error message

1. White: BotResponse method

* Valid: Will respond to user after input
* Invalid: Action not supported by bot
* Error: Unintelligible command entered
* Boundary: Numbers and Intelligible letters accepted
* Fault Tolerance: Bot will respond upon failed command

1. Grey: SetAlarm

* Valid: User inputs command to bot to set alarm using phone app deriving from BotResponce
* Invalid: Alarm app not present
* Error: Incorrect time entered
* Boundary: Sets time based on user input EG: 00:00
* Fault Tolerance: BotResponce will respond with error upon SetAlarm not executing correctly

Test Cases:

1. Black: passwordGenerator method:

Input: Generate password for BestBuy

Return: A3sgaAs@12 generated for BestBuy and saved

Completes the imputed exercise

Detects keyword generate and then performs the action to create the password

1. White: updatePassword method:

Input: Update Amazon password to Lucky92@

Return: Password Updated

Completes imputed exercise

Detects keyword update to perform action on Amazon that is stored in a file and therefore changing password

1. Grey: lockeTriviaResponse method:

Input: Tell me your name

Return: My name is Locke!

Completed the imputed exercise

User requests trivial information from bot and responds with pre-saved responses created beforehand.

1. storePassword method.  
   Input: Store CleayQ123# for PSN  
   Return: CleayQ123# stored for PSN  
   Completed the imputed exercise

Detects keyword store and performs action on PSN which was added into file and then attaching user inputted password

1. deletePassword method.  
   Input: Delete Gamestop password  
   Return: Gamestop and attached password deleted  
   Completed the imputed exercise

Detects keyword delete and performs action on Gamestop which is stored on file and then removes it.

1. documentPassword method.  
   Input: Document passwords  
   Return: Passwords document into a text file   
   Completed the imputed exercise

Detects keyword document and performs action by documenting all passwords stored in application into a text file after being decrypted.