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: SubtractionTest method: Input 1523-222 Return: 1301, Completes the imputed exercise, Reads the numbers and uses the subtraction binary operator
2. White: MessagePerson method: Input Message John “Hello” Return: Message Sent, Completes inputed excercise, If user inputs “message person” then the Bot will search phone book for said person and said them the message encased afterwards.
3. Grey: BotResponce method: Input: Tell me weather, Return: Weather, Completed the inputed excercise, Bot request action and if user requests somethings the bot will complete said action else it will stay waiting until exited.