

# System and Unit Test

Product name: Pseudo

Team name: Pseudonauts

Date: 12/8/2020

## System Test scenarios:

- **User story 3 from sprint 2:** As a user, I want to see my Python code along side my Pseudo file
  - Start Pseudo app
    - Open or create new Pseudo code file
    - Click execute
    - User should see Python code translated from Pseudo file
- **User Story 6 from sprint 2:** As a user, I want syntax highlighting so that I can distinguish between keywords and non-keywords
  - Start Pseudo app
    - Open or create a Pseudo code file
    - Click execute or use live updating
    - Observe that certain keywords are highlighted in the Pseudo code and python code
- **User story 7 from sprint 2:** As a user I want to be able to customize the editor so that I can express my preferences.
  - Start Pseudo app
    - Click Theme or Settings button
    - Choose preset themes or go to RGB slider
    - Choose what to change the colors of
    - Click background and move sliders
    - Background color changes
    - GUI changes according to Theme chosen
    - Change size of text or type of font
- **User story 7 from sprint 4:** As a user, I want to clear the console so that I don't have to see old data and timestamps when translating my Pseudo code
  - Start Pseudo app
    - Open file or run Pseudo code
    - Console is filled with code or text
    - Click clear from menu
      - Choose to clear console or output or input
        - Console or output should now be cleared
- **User story 8 from sprint 4:** As a user, I want to see advance debugging info when the code doesn't run correctly
  - Start Pseudo app
    - Open file or run Pseudo code
    - Console shows basic error message from Pseudo app

- User wants to learn more or debug manually
  - Choose Help tab in menu
    - Click Toggle debug
  - Errors propagate
    - User can now see python errors output to the console
- User Stories 1,2,3 from Sprint 1 and 1-8 from Sprint 3 and 1,3,4,5 from Sprint 4: As a user, I want to translate Pseduo code into Python code
  - Start Pseudo app
    - Open test.pseudo within that is within the Testing folder
    - Navigate to the “Run” on the menu bar. Click on “Run” in the dropdown menu.
      - This testing file runs tests that utilize each keyword
    - Navigate to the “Help” on the menu bar. Click on “Help” in the dropdown menu
      - The help window contains information on how to use each keyword