Group: Adan Fatima (Leader), Muhammad Ali Shafique

Project Timeline: Typing Speed Application

**Day 1: Project Setup and Basic GUI Design**

* **Adan Fatima (Leader):**
  + Set up the project repository and organize files.
  + Create the main script file and prepare for Tkinter GUI development.
  + Design the initial layout of the GUI with Tkinter.
* **Ali:**
  + Implement the main window, labels, and entry fields.
  + Create buttons for starting and stopping the test.
  + Assist Adan in testing the basic GUI layout to ensure elements are correctly displayed.

**Day 2: Passage Generation and Typing Test Functionality**

* **Adan Fatima:**
  + Implement the function to generate a random passage from a predefined set of words.
  + Display the generated passage in the GUI.
* **Ali:**
  + Implement the start and stop test functionality.
  + Add event handling for the "Start Test" and "Stop Test" buttons.
  + Calculate elapsed time and manage the start and stop times.
  + Assist Adan in testing the passage generation and ensure its displayed correctly.

**Day 3: Calculation of Typing Speed and Accuracy**

* **Adan Fatima:**
  + Implement the logic to calculate typing speed in words per minute (WPM) based on elapsed time and typed words.
* **Ali:**
  + Develop the functionality to calculate typing accuracy based on the number of correct words typed compared to the passage.
  + Update the GUI to display typing speed and accuracy after the test is stopped.
  + Assist Adan in testing and debugging any issues related to typing speed and accuracy calculations.

**Day 4: Final Testing and Refinements**

* **Adan Fatima:**
  + Perform comprehensive testing of the entire application to ensure all features are working as intended.
  + Test edge cases and error handling.
  + Review the overall project to ensure all objectives have been met.
* **Ali:**
  + Make necessary adjustments to the GUI for better usability and aesthetics.
  + Write comments and documentation within the code for clarity and maintenance.
  + Assist Adan in preparing the final project report and any necessary presentations.