Screenshots to PDF Application

Introduction:

The Screenshot to PDF Application is a JavaFX-based utility that allows users to capture screenshots of their screen and compile them into a PDF document. The application provides features to start, pause, stop capturing, delete previous screenshots, reset the view, and save the compiled screenshots as a PDF file.

Application Features:

Start Button:

Clicking the "Start" button initiates the screenshot capturing process. Once started, the application will capture the screen on each mouse click (or by pressing the 'S' key) and display the captured screenshot in a resizable window on corner of the screen. The application will also increment a counter to display the number of screenshots taken.

Pause Button:

The "Pause" button allows users to temporarily pause the screenshot capturing process. Clicking this button toggles between pausing and resuming. When paused, the application will stop capturing new screenshots but retains the previously captured ones and when we press the last captured screenshot will display below the buttons.

Stop Button:

The "Stop" button confirms whether the user wants to stop capturing screenshots and create a PDF document. Upon confirmation, the application will cease capturing, compile the screenshots into a PDF, and prompt the user to save the PDF.

Delete Button:

The "Delete" button allows users to remove the most recent screenshot. It updates the counter accordingly and displays the previous screenshot if available. If there are no screenshots to delete, it displays an alert.

Reset Button:

The "Reset" button returns the application to its initial state, clearing any captured screenshots and resetting the window size.

Usage Instructions:

Click the "Start" button to begin capturing screenshots.

Click on the screen or press the 'S' key to capture screenshots while the application is in the capturing mode.

Click the "Pause" button to pause capturing, will display last captured screenshot below the buttons, and again click on the "||" button then will application resume.

Use the "Reset" button to clear the screenshot and returns the application to its initial state, clearing displayed captured screenshot and resetting the window size.

Click the "Stop" button when you want to stop capturing and generate a PDF.

Confirm the "Stop" action to proceed with creating the PDF document.

Choose a location to save the PDF file and click "Save."

Optionally, use the "Delete" button to remove the last screenshot.

You can see the number of captured screenshots.

Dependencies:

The application relies on the following external libraries and components:

Java AWT and Robot for capturing screen images.

JavaFX for the graphical user interface.

iText PDF library for creating the PDF document.

Ensure that these dependencies are correctly set up in your project