Final Milestone Plan

Project Title: Real-time Data Visualization Stimuli

Milestone 2	Activities	Projected Outputs
Define the final milestone to be completed by the end of week 12	List activities required to achieve the milestone	Define projected outputs from your work plan
Integrating Software Testing and Fine-tuned Optimization for Real-time Data Visualization Stimuli	1. Implement a real-time display for the relevant data to store and retrieve in the GUI.	Fully functional real-time display feature that is integrated into the software's GUI.
	2. Implement a real-time display for the software that automatically triggers data display from the data collection steps without requiring the user to manually push a button.	Fully functional real-time display feature that is integrated into the software's GUI.
	3. Create a template version of the software with detailed instructions for installation, configuration, and usage to save users time and effort during setup.	User-friendly tool for streamlined software setup and usage without extensive installation and configuration.
	4. Create a user-friendly feature that enables easy selection of multiple analysis scripts via a drop-down menu for debugging purposes. Also, develop a refresh button for the GUI to update data visualization.	A drop-down selection menu and a refresh button.
	5. Develop multiple analysis scripts (e.g. ToolRF and ToolHT) that can be interchanged and run interchangeably within the software to demonstrate the versatility of the Real-time Data stimuli in producing a variety of visualizations beyond just heatmaps.	Implemented multiple interchangeable analysis scripts showcasing the software's full functionality.
	6. Hide debug mode features while the mode is not needed.	A concise and user-friendly operating panel.
	7. Conduct a deployment test using real data captured from the lab acquisition machine.	A validated and tested software, ready for deployment in the lab environment.