Research Goals

- **Visual Attention**: Monitor eye movements to discover how programmers comprehend and navigate through code

- **Comprehension Metrics**: Determine differences in comprehension strategies and identify patterns between programmers

Areas of Interest

- **AOI Definition**: Areas of Interest (AOI) are areas drawn around a feature or element

- **Capturing Insights**: Track and quantify participant gaze information within an AOI
  
  - **Example**: How often a participant glances at an AOI or how long they look there

Visualization

- **Fixation Graphs & Heatmaps**: Display information visually for easy comprehension

- **Overlay Data**: Overlay multiple participants to reveal collective focal points

- **Detailed Analysis**: Access CSV files containing each participants’ individual gaze points for comprehensive analysis