Meeting Minutes 4

Group 13

2025-07-04

# ISSS608 Group 13 Meeting Minutes

**Project Meeting 4**: Shiny App & Project Website Finalization

**Date**: 04/07/2025

**Time**: 8pm – 9pm

**In Attendance**: Huang Zihan, Min Htet Aung, Nguyen Thao Nguyen

**Note Taker**: Huang Zihan

## Agenda Items

1. Debugging process of Shiny App
2. Finalizing Project Website

### Agenda Item 1: Debugging process of Shiny App

**The app crashed when users navigated to the Cluster Analysis page.**

* Min Htet Aung and Huang Zihan were responsible for identifying and fixing the issue.
* They traced the error to the use of as.dendrogram() on non-hierarchical clustering output (dbscan).
* The solution involved:
  + Removing the dendrogram plot
  + Replacing it with alternative visualizations like radar charts and cluster summaries

The team will continue working on debugging the crashes of the Cluster Analysis Page in the shiny app and make sure it is running smoothly under different circumstances.

### Agenda Item 2: Finalizing Project Website

**The team met to finalize the project website before submission.**

Key tasks discussed and assigned:

* Upload and embed the project posters in the designated section.
* Revise the Introduction page to clearly explain the project scope, team, and tools used.
* Finalize the User Guide for the shiny app and upload it onto the website.
* Update the Discovery section to include:
  + Detailed data preparation steps
  + Prototype screenshots and descriptions of early designs
  + Key iterations and development insights

Developed as part of the Visual Analytics Application course, MITB @ SMU, 2025.  
Group 13 — Huang Zihan, Min Htet Aung, Ta Nguyen Thao Nguyen.  
All rights reserved © 2025.