

# Meeting Minutes- 4th Nov 2025

## Progress Review & Modifications

### Completed Work

- **Node.js framework** - Backend infrastructure setup using concepts from lectures
- **UX interactions** - Implemented hover states (cursor: pointer) and other interactive elements from course materials
- 2d.js
- Query.js, Package.js,
- Map.js
- **Chart.js**
- process location and borough ->
- **About and work Journal Page**

**Complete website UI design and full frontend framework implemented:)**

- **Document file** - Basic user flow and navigation, design, videos, meetings

### Required Modifications & Enhancements

1. **Google Map** - Implement detailed maps similar to Valerio's lecture examples
2. **3D Models (X)** - Explore integration of 3D visualizations for data representation

**Apply any other course concepts in our web?**

1. **Forms? Registration (tbd) (considering problems related to computer security)**

## Next Step (Backend & Documentation Focus)

### Backend Development (**Pre work**)

- **Police API Data Scraping**
- **MySQL Database Modify & Storage**
- **Data APIs**
- **Fill Related Query into web (Query.js)**

### Documentation Tasks

- **Project Report**
- **Technical Documentation** - Code comments
- **GitHub Repository** - Proper README and others
- **User Manual** - Guide for website usage

## **Report**

Each group must write a report about the design, development, and execution of the project.

**Included in the report there should be a link to your website and a link to your GitHub Repository**

The reports should include:

1. a case of where the project fits in the wider context of research (with relevant references given)
2. data visualisation available on the web.
3. how the entire website was put together, including the collection and handling of data, user experience journey through storyboarding and wireframes design (UX), development of site,
4. design of the data visualisation, interactivity and API, databases used within the project.
5. A conclusion should detail how, if given more time, they would improve the project.

## **Review**

### **Group Website – 60%**

The website should be interactive and pull data from a database linked to a server side component (through an API, MQTT or related technology). Analysis results may be pre-processed and results recorded in the database, then visualised on the website in the form of graphs, maps etc. You are expected to demonstrate the full extent of knowledge of frontend and backend website design and interactive visualisation skills you have been taught during this module

User Interface and Experience - 20% Use of compelling and appropriate visualisation or interactive elements / methods - 30% Exploratory, ‘storytelling’ nature of website - 20% Design and Technical Reporting of API and Database Backend - 30%

### **Group Report – 30%**

3000 word written report (+/- 10%)

Project context and aims (incl. reference to relevant literature and projects) - 20% Design Rationale - 70%

1. Design, storyboarding, outline of website
2. Data collection, handling, cleaning and management of dataset
3. Interactivity of site
4. Data visualisations
5. Technical integration between frontend and backend services

Presentation and style of report - 10%

### **Individual Personal Reflection**

500 word written report (+/- 10%)

1. a personal reflection of their contribution to the group work
2. an indication of the relative contributions, both with respect to the website (including technical contributions) and report.

3. describe the contributions of all other team members in similar detail
4. a score out of 10 for each group member, reflecting how much you think they have contributed to the project

*Tuesday 11th Nov 2025 - 9:30am*

## Distribution

1. Backend Development & improvement (Annie)
2. Github documentation related (Readme File & Comments) (Ethan)
3. Map (Ethan)
4. Form (tbd)
5. Report [3000 word written report (+/- 10%)]

Project context and aims (incl. reference to relevant literature and projects) - 20% [400] (Ethan)

Design Rationale - 70% [2600]

1. Design, Frame (Xinyi)
2. storyboarding, outline of website (Yifei)
3. Data collection, handling, cleaning and management of dataset (Annie)
4. Interactivity of site (Home Map (chart) About Journal)(Annie)
5. Data visualisations (Annie) (Color Map & chart)
6. Technical integration between frontend and backend services (Xinyi)

Presentation and style of report - 10% (Xinyi)(Overleaf, Latex)