Project Plan

Data Analysis Tool: NSW Traffic Penalties

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# Introduction

## Background

Road rules are essential to abide by, as each law protects the driver, passenger, and other bystanders. However, traffic penalties are enforced to encourage responsible driving further when a driver disobeys. New South Wales is one of Australia's more lenient states regarding driving rules and penalties. Compared to other Australian states, New South Wales has had the most road deaths in the last 12 months. The community should be aware of traffic penalty trends to avoid danger or offending themselves. While said data is available to the public, it is often displayed and manipulated in an unfriendly manner. Creating a tool that focuses on traffic penalties in New South Wales is necessary.

## Scope

The project aims to implement a user-friendly data analysis and visualisation software for the NSW Traffic Penalty dataset. The software, named “NSW Traffic Penalty Tool”, will identify significant traffic trends, which will aid in mitigating driving risks. While the public will be able to use the software, the target users will be the government agency Transport for NSW (TfNSW). TfNSW is responsible for major road infrastructure, licensing of drivers and registration of motor vehicles. The NSW Traffic Penalty Tool will be built with open-source resources; no costs are associated to the project. Documentation and other assets of the project are accessible within the designated GitHub repository. NSW Traffic Penalty Tool is to be fully operational by the 9th of October 2022.

## Document Contents

The Project Plan document contains an Introduction, Work Breakdown Structure, Activity Definition and Estimation, as well as a Gantt chart for the NSW Traffic Penalty Tool project.

# Work Breakdown Structure

The following diagram displays each deliverable of the NSW Traffic Penalty Tool.

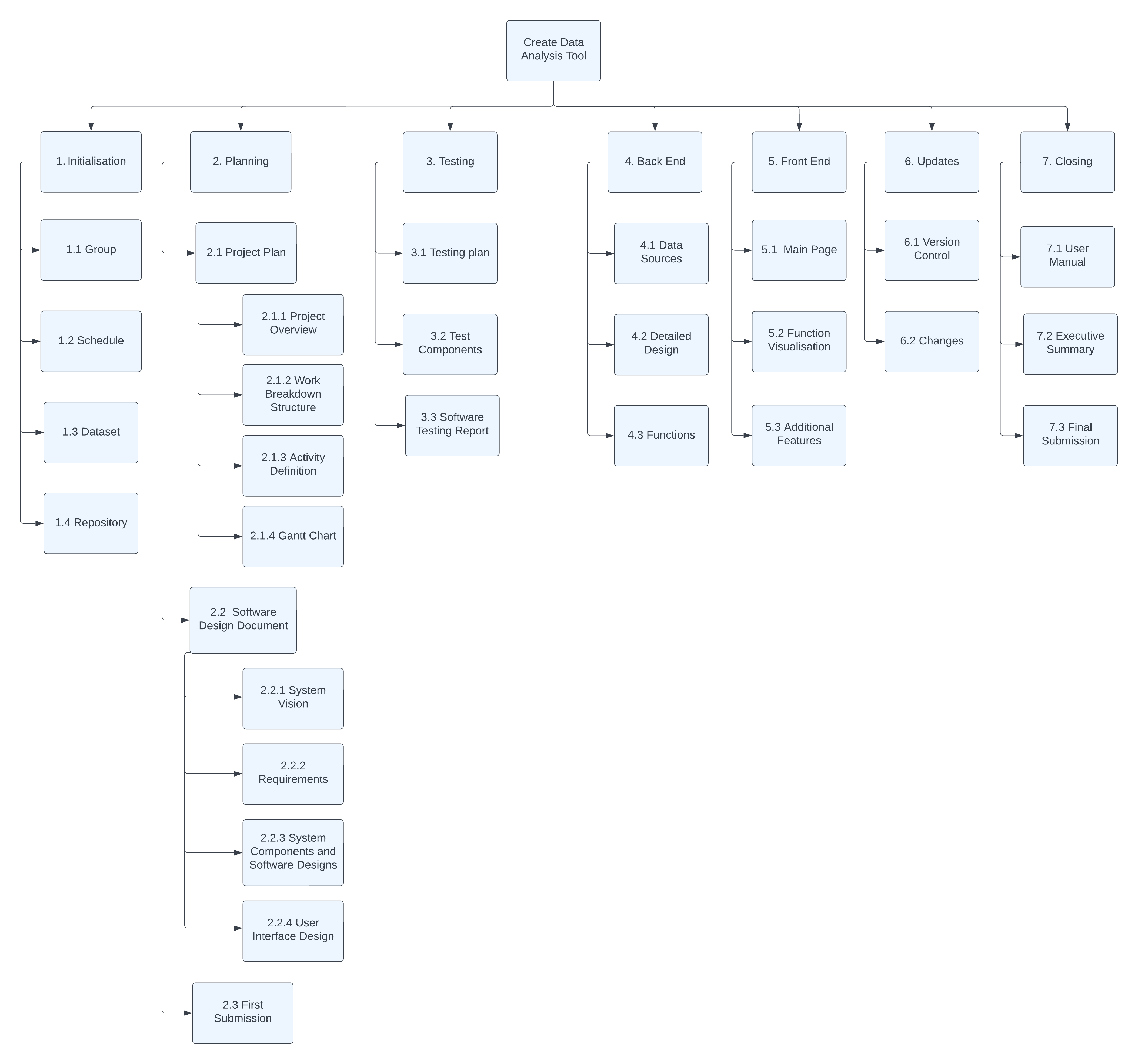


Figure - NSW Traffic Penalty Tool WBS

# Activity Definition & Estimation

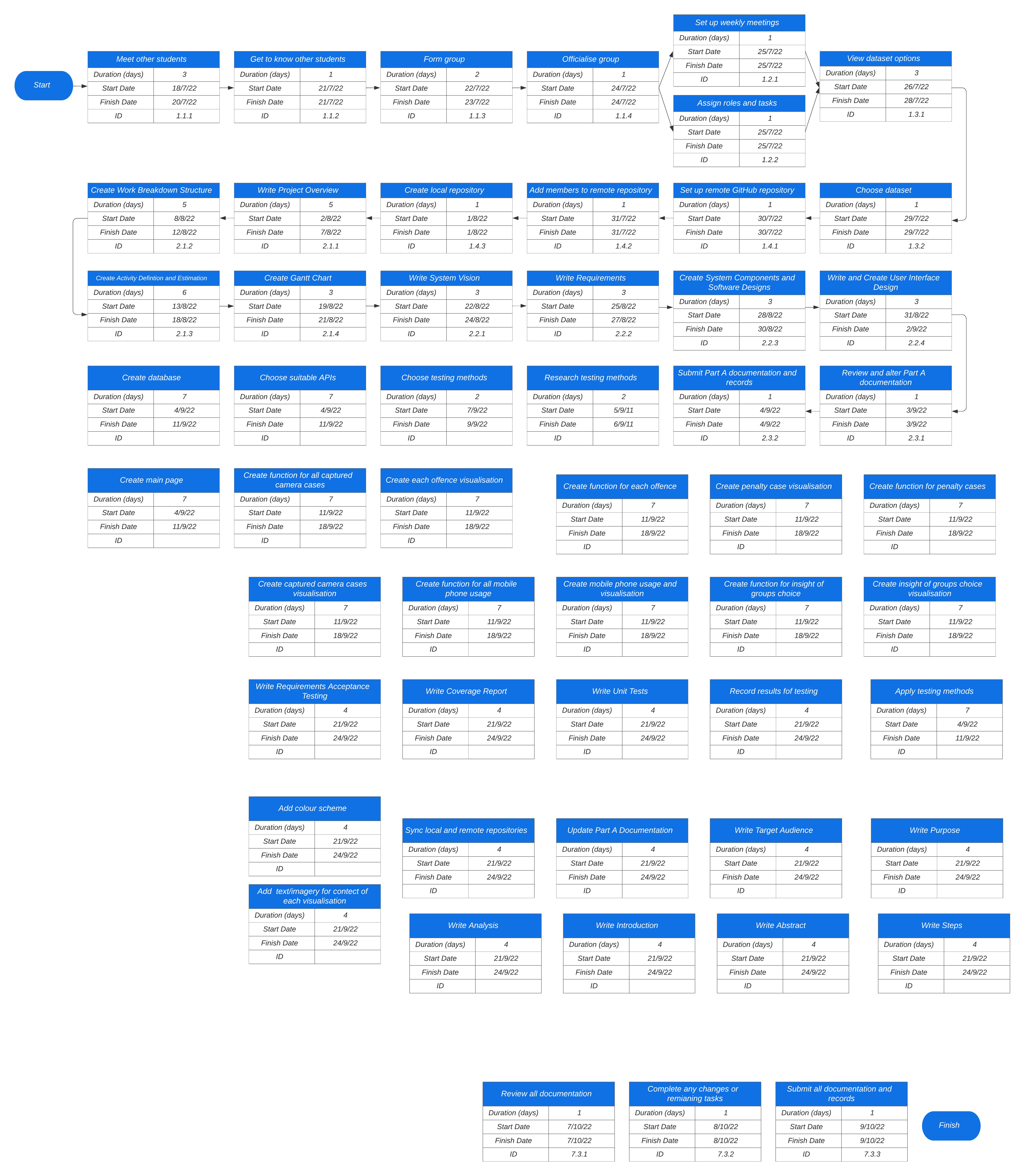


Figure - PDM Network Diagram

# Gantt Chart

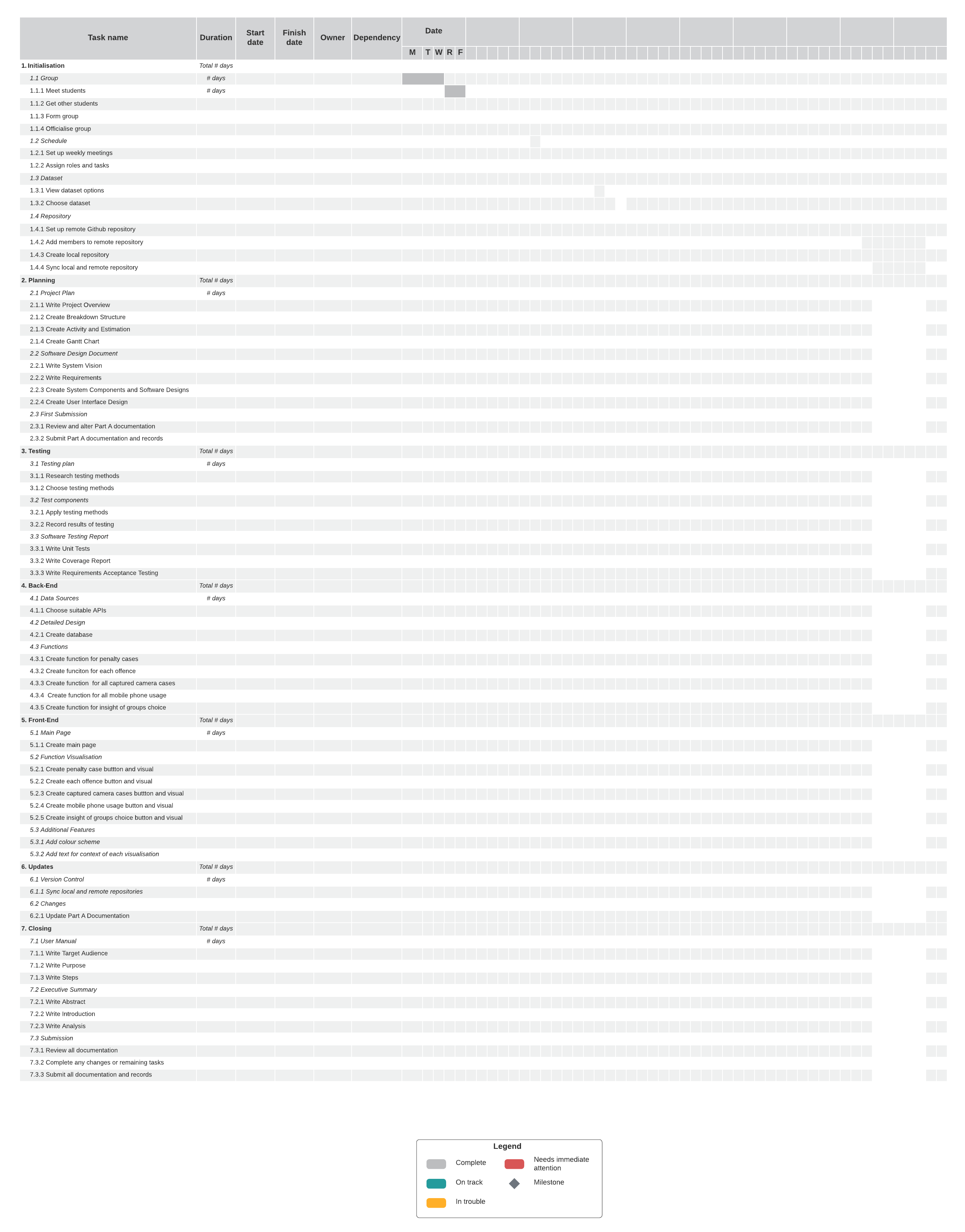


Figure - Gantt Chart

*This section should contain your Gantt chart. The items in the Gantt chart should match the activity definition from section 3. You should also submit your Gantt chart file separately.*