Project Plan

Data Analysis Tool: NSW Traffic Penalties

Brianne Byer

Wonwoo Choi

Marco Querzola

Table of Contents

[1.0 Introduction 3](#_Toc46748287)

[1.1 Problem Background 3](#_Toc46748288)

[1.2 Scope 3](#_Toc46748289)

[1.3 Document contents 3](#_Toc46748290)

[2.0 Work Breakdown Structure 4](#_Toc46748291)

[3.0 Activity Definition & Estimation 5](#_Toc46748292)

[4.0 Gantt Chart 6](#_Toc46748293)

# 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

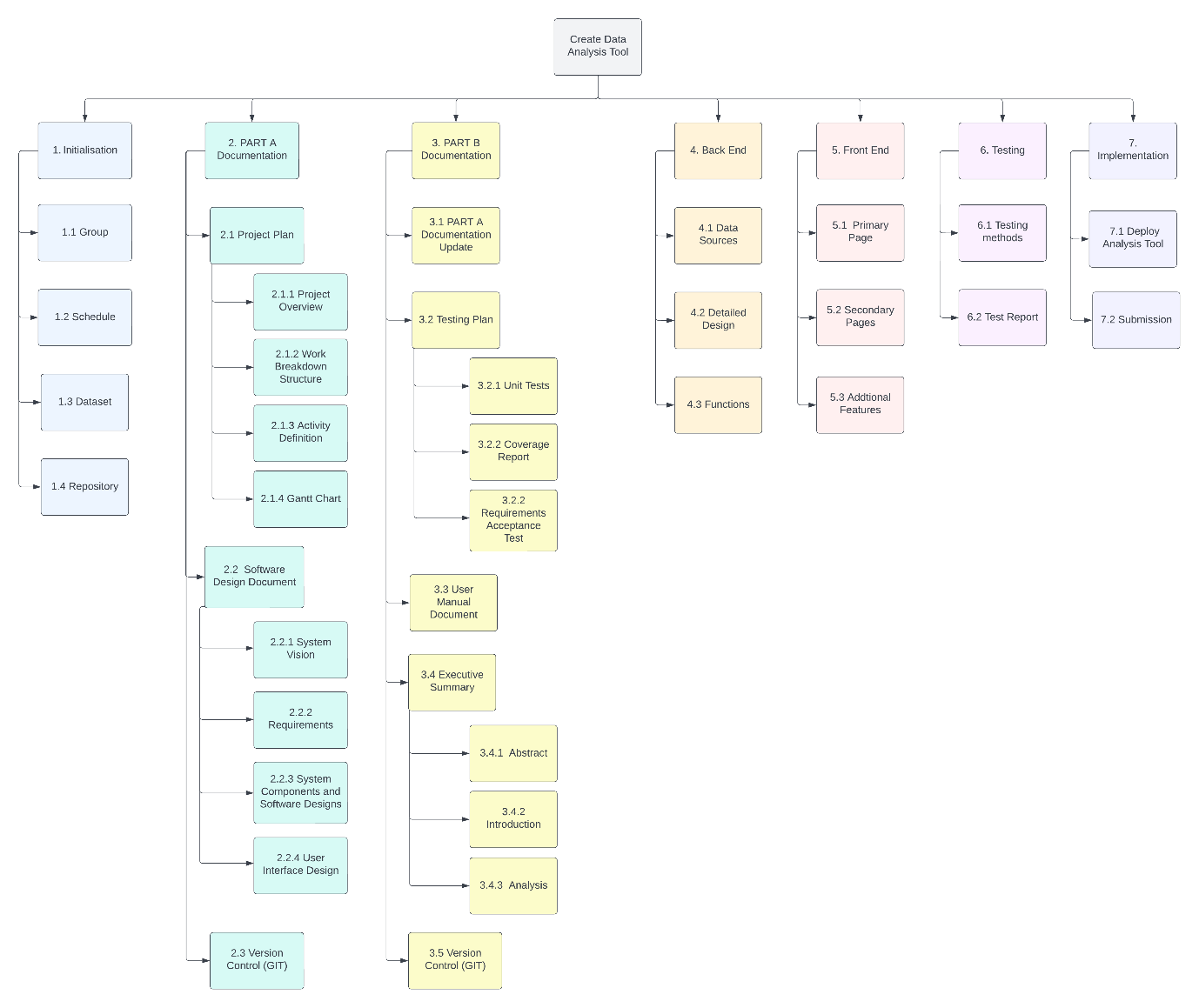
The project aims to implement a user-friendly data analysis and visualisation software for the NSW Traffic Penalty dataset. The data tool will identify significant traffic trends, which will aid in mitigating driving risks. Documentation and other assets of the project are accessible within the designated GitHub repository. The software is to be fully implemented by the 3rd of September 2022.

## Document contents

This document outlines

*Include some background information about the problem, the scope, and what this document will contain.*

# Work Breakdown Structure



*This section should include the work breakdown structure for the whole project. The elements from the WBS should be used to generate your activity definition and those activities should then be scheduled in the Gantt Chart. Remember to consider ALL project activities – anything you do or will need to do should be included in the WBS*

*WBS's are usually presented as some kind of hierarchical diagram/chart etc. The details what is involved each work unit should be provided in section 3:* ***Activity Definition***

*You do NOT need to do a WBS Dictionary for this project – the activity definition (whilst slightly different) will suffice. The WBS is focussed on SCOPE. The Activity definition is focussed on TIME.*

# Activity Definition & Estimation

*From your WBS, define the activities required for your project. You will revise this document and add more detail for part B as you discover more about the project.*

*Each activity should be clearly identified by a number and should match up to your Gantt chart. You should provide some estimations for the time you think each activity will take. This should make it easy to prepare your Gantt chart.*

# 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.*