Project Plan

<Project Name>

Student Names

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# Introduction

## Background

*The current project is a data analysis project of one of 4 data sets that has been requested. The chosen data set is NSW Traffic Penalty Data.*

## Scope

The project will include several documentation documents such as the project plan which outlines the project and how it will progress through the timeframe given, an executive summary containing the data acquired from the project features. The software design document which contains the planned design of the project such as the UI and the functions required and finally the software testing report displaying all the testing that has been done on the project during development. The Program itself will be based on the NSW Traffic Penalty Data and will have features such as a display of all information of all penalty cases in a selected time period, a chart displaying the distribution of cases in each offense code in a selected time period. All cases captured by radar or camera based on offense description based on a selected time period, and an analysis of cases caused by mobile phone usage including trend over time, offense code etc. Finally, it also will include one other feature the developers deemed useful.

## Document contents

This document will contain the scope of the project which outlines the requirements of the project, a work breakdown structure displaying the order the requirements need to be completed, an activity definition detailing the requirements of the work breakdown structure, an estimation of the timeframe each requirement of the project will take and a Gannt chart which is a diagram view of the project activities and time estimations.

# 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.*

**NSW Traffic Penalty Data:**

<https://www.kaggle.com/llihan/australia-nsw-traffic-penalty-data-20112017>

**Required Features:**

* For a user-selected period, report the information of all penalty cases.
* For a user-selected period, produce a chart to show the distribution of cases in each offense code
* For a user-selected period, retrieve all cases captured by radar or camera based on offense description
* Analysing the cases caused by mobile phone usage - ie: trend over time, offense code, and so on.
* One other ‘insight’ or analysis tool of your choice