Project Plan

<Project Name>

Group 52

Student Names

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# Introduction

## Background

The development of this study will be developed to provide road safety data based on time, location, condition, type of collision, type of road user, object hit. based on Victoria Road Crash Dataset provided by Vircord. To reduce traffic accidents and risks in Victoria. In addition, the software analyzes the point of occurrence of an accident and provides visualized insight to help user understand.

## Scope

Document work for this study will be completed prior to the final submission on September 2, including the Gantt Chart, after which the project will be developed according to the schedule assigned to WBS, and the software and all document work will be uploaded to GitHub by October 9, the final project deadline.

* **Interface**

Interfaces should be developed in a structure that is easy for customers to recognize. Use the Python program to develop this study, enter the information you want your customers to know from the dataset, and simply print it out. In addition, when visualization data is required, results are required to be printed to the customer on a pie chart so that the customer can easily see it at a glance. The deployment of the interface makes about seven days and ensures that all functional interfaces are in place before the final deadline.

* **Time**

The time of incident on Victoria State Road should allow data to be available in the order in which the customer needs information. Customers can sort the time of the incident in the latest, oldest order and determine when the incident occurred. This takes a total of four days and closes four days after the basic interface is made.

* **location**

Information is provided to customers through statistics on places and places where road accidents occur frequently. Information on the area and location of the accident should be secured to ensure safe operation when the customer reaches the area. This takes a total of four days and closes four days after the basic interface is made.

* **Conditions**
* **crash type**

To ensure the customer's collision prevention safety, each type of road accident collision must be provided. The development period is 4 days.

* **road user type**
* **object hit**

## Document contents

*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.*