Project Plan

<Project Name>

Student Names

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# Introduction

## Background

Sydney Airbnb open dataset is data related to inside Airbnb initiative which shows listing of homestay activities in Sydney. It contains data about homestay listings, calendar dates of listings, reviews, summary of listing, reviews summary and neighbourhood information.

Main motivation of collecting this data is to find out how Airbnb is affecting neighbourhoods, busy times to visit Sydney, vibe of an area, cost of stay and reviews of neighbourhood. Even, it accesses whether there is increase in visitors with increase in Airbnb rooms.

**The company collecting the data requires a program with features including:**

* **present listings information in a specified suburb when user selects a particular time period**
* **create a chart displaying property prices for a selected time period**
* **show listings with user entered keyword like pool**
* **show information about reviews**
* **show chart depicting good things about a listing**
* **show number of times a property has been used**

## Scope

The scope of this document is to give detailed information about how the above program will be developed. It includes a Gantt chart depicting time it will take to complete each part of the program. This will be useful to track the progress of the project. This document is quite useful as it includes estimates of time for each part of the project, this will allow company to present it to its stakeholders and let them know how much time will it take to develop the program.

## Document contents

This document comprises work breakdown structure, activity definition and gantt chart. Work breakdown structure shows a decomposition of the work involved in a project. Activity definition includes detailed activities that the project team and stakeholder must perform to produce the project deliverables. It also includes time estimates for each activity.

Gantt chart is used to display project schedule information by listing project activities and their start and finish dates in a calendar format.

*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.*