

Deliverable #3

SE 3A04: Software Design II – Large System Design

Group Number: G8

Group Members:

- Hashim Bukhtiar
- Jaden Moore
- James Ariache
- Olivia Reich
- Omar Abdelhamid

1 Introduction

This section should provide an brief overview of the entire document.

1.1 Purpose

This document provides further information about the RideRecon car identification system architecture, including state chart diagrams, sequence diagrams, and a detailed class diagram. This document is intended for internal RideRecon stakeholders, including but not limited to, project managers, developers, domain experts, and RideRecon team members/investors.

RideRecon Deliverable 1 and 2 should be read prior, and technical knowledge may be beneficial in better understanding the contents of the document.

1.2 System Description

- a) Give a brief description of the system. This could be a paragraph or two to give some context to this document.

1.3 Overview

- a) Describe what the rest of the document contains
- b) Explain how the document is organised

2 State Charts for Controller Classes

This section should provide a state chart for each controller class for your application.

3 Sequence Diagrams

This section should provide a sequence diagram for each use case of your application.

4 Detailed Class Diagram

This section should provide a detailed class diagram for your application.

A Division of Labour

Include a Division of Labour sheet which indicates the contributions of each team member. This sheet must be signed by all team members.






Hashim Bukhtiar	Jaden Moore	James Ariache	Olivia Reich	Omar Abdelhamid
Section 1.1, 1.2	12 Cards in Section 4	X State Charts in Section 2	3 Sequence Diagrams in Section 3	Section 1.3
3 Sequence Diagrams in Section 3	X Class Diagrams in Section 4	Y Class Diagrams in Section 4	Z Class Diagrams in Section 4	Y State Charts in Section 2
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Table 1: Division of Labour

IMPORTANT NOTES

- You do NOT need to provide a text explanation of each diagram; the diagram should speak for itself
- Please document any non-standard notations that you may have used
 - *Rule of Thumb*: if you feel there is any doubt surrounding the meaning of your notations, document them
- Some diagrams may be difficult to fit into one page
 - It is OK if the text is small but please ensure that it is readable when printed
 - If you need to break a diagram onto multiple pages, please adopt a system of doing so and thoroughly explain how it can be reconnected from one page to the next; if you are unsure about this, please ask me
- Please submit the latest version of Deliverable 1 and Deliverable 2 with Deliverable 3
 - They do not have to be a freshly printed versions; the latest marked versions are OK
- If you do NOT have a Division of Labour sheet, your deliverable will NOT be marked