Ice Cream Manager [ICM]

USE CASE SPECIFICATION DOCUMENT

UC07
Modify Driver
Version No. v1.0

Project Document Revision History

VERSION	DATE	REVISION AUTHOR	DESCRIPTION OF REVISION
0.1	2016-2-20	Rodney Lewis	Initial content generation.
0.2	2016-2-26	Rodney Lewis	Added sections 1.0, 2.1, 2.2, 3.0, 4.0
0.3	2016-3-4	Rodney Lewis	Added sections 5.0, 6.0, 7.0, 8.0, 9.0
0.4	2016-3-5	Rodney Lewis	Added description to section 7.0, updated section 6.0/7.0. Updated section 2.2 with successors. Updated TOC.
0.5	2016-3-12	Rodney Lewis	Added new actors to 2.1. Updated sections 6, 7, 8, 9. Added Table of figures. Updated TOC.
0.6	2016-3-15	Marc King	Style and formatting pass, updated actor list to match UCSD
0.7	2016-3-16	Rodney Lewis	Updated activity diagram. Updated sections 2.2, 7, and 8.
1.0	2016-3-17	Cosmosys Team	Baselined.

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1.0 Introduction

Allows user to modify driver information. Able to set the drivers name and set their salary. Drivers will be assigned to trucks initially and can be moved to different trucks by user. The sales of the driver can be displayed through a daily or weekly view.

2.0 Use Case Information

2.1 Actors

ACTOR NAME	ROLE	DESCRIPTION
Manager	Secondary	The manager of the ice cream truck company.
Modifier	Main	The role the manager or the control actor can take on when modifying business entities.
Control	Secondary	The software process that manages modifications to data.
View	Secondary	The software process that manages the display of information.

2.2 Use Case Interaction

- Predecessor
    - Process batch file
- Successor
    - Modify truck

3.0 Trigger

Triggered through user choosing to modify the aspects of their drivers

4.0 Pre-condition(s)

4.1 Process batch file must be executed before modify drivers can be used

5.0 Post-condition(s)

5.1 Displayed list of drivers

5.2 Displayed driver information

6.0 Use Case Activity Diagram

6.1 Diagram 1

See Diagram 1: Use Case Activity Diagram on page 6

7.0 Main/Basic Flow(s) of Events

7.1 Modify driver

7.1.1 Add driver

User views full list of drivers and adds a driver. The driver information will be displayed. The user can set that drivers name, number, truck, and salary.

7.1.2 Select driver

User views full list of drivers and select a driver to modify. The driver information will be displayed. The user can set that drivers name, number, truck, and salary.

8.0 Alternate/Exception Flow of Events

8.1 View full list of drivers only

User views a list of all drivers only.

8.2 Delete driver

User views a list of all drivers and selects a driver that needs information modified. Can choose to remove that driver from the list and user is return to list of drivers.

9.0 Assumptions/Business Rules including Non-Functional Requirements

9.1 Response time

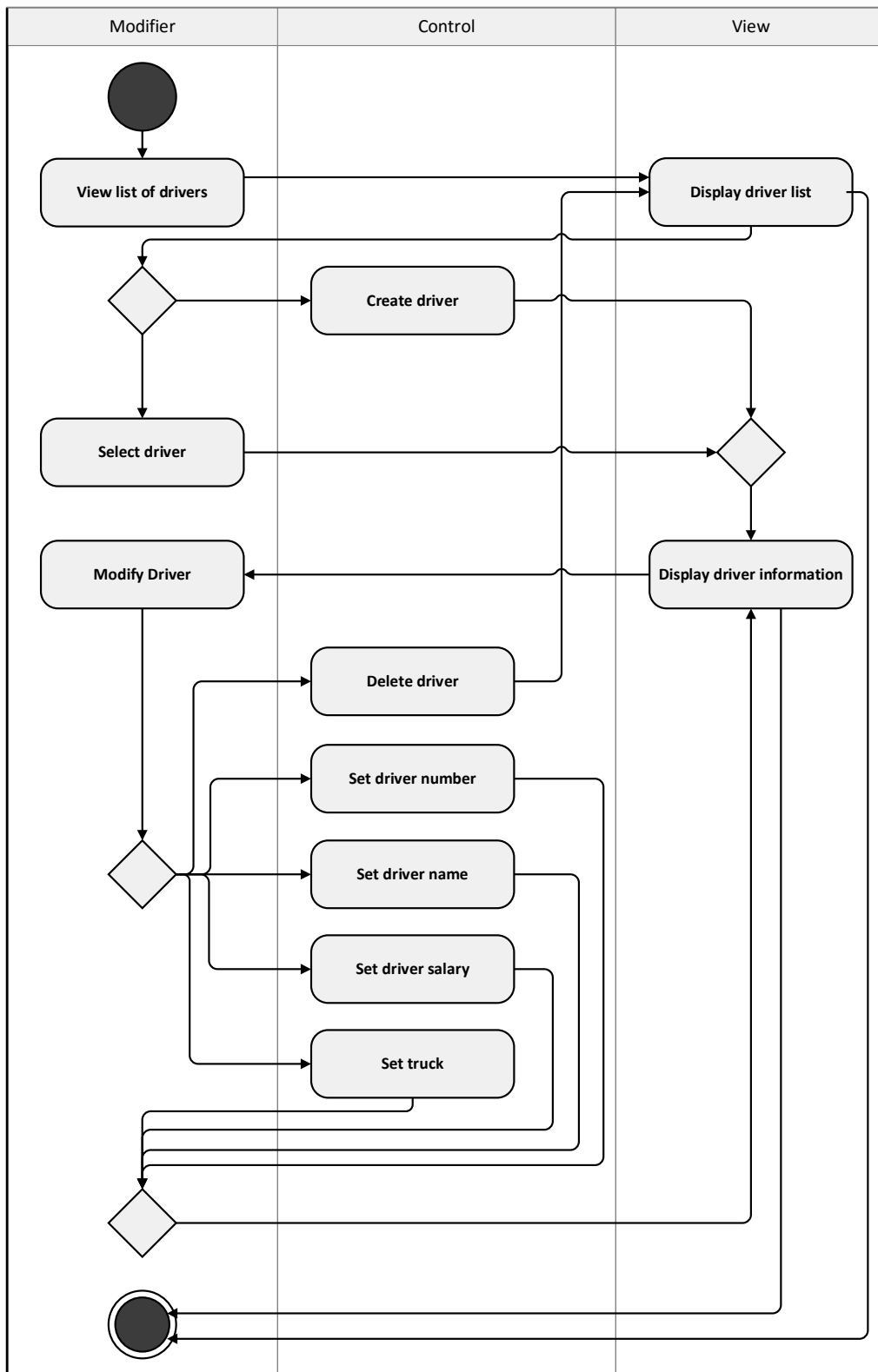Each system process should be done within 1 second.

Diagram 1: Use Case Activity Diagram

10.0 Use Case Specification Review and Signoff

Review and Signoff of the Use Case Specification

NAME	PROJECT TEAM ROLE	SIGNATURE	DATE
Marc King	Team Lead		2016-03-17
Rodney Lewis	Developer	*Rodney Lewis*	2016-03-17
Jacob Vacheresse	Developer		2016-03-17