



Ice Cream Manager ^[ICM]

USE CASE SPECIFICATION DOCUMENT

UC03

Modify Route

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	2016-3-1	Rodney Lewis	Added sections 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, 9.0
0.3	2016-3-5	Rodney Lewis	Added section 1.0, 6.0. Added section 7.0 details. Updated TOC
0.4	2016-3-12	Rodney Lewis	Added new actors to 2.1. Updated sections 6, 7, 8, 9. Added Table of figures. Updated TOC.
0.5	2016-3-15	Marc King	Style and format pass, updated actor list to match UCSD.
0.6	2016-3-16	Rodney Lewis	Updated Activity diagram. Updated sections 2.2, 7, and 8.
1.0	2016-3-17	Cosmosys Team	Baselined.

Table of Contents

1.0 Introduction	4
2.0 Use Case Information	4
2.1 Actors.....	4
2.2 Use Case Interaction.....	4
3.0 Trigger	4
5.0 Post-condition(s).....	5
5.1 Displayed list of routes	5
5.2 Displayed route information	5
6.0 Use Case Activity Diagram	5
6.1 Diagram 1	5
7.0 Main/Basic Flow(s) of Events	5
7.1 Modify route	5
7.1.1 Adding route.....	5
7.1.2 Selecting route	5
8.0 Alternate/Exception Flow of Events	5
8.1 View full list of routes only	5
8.2 Delete route	5
9.0 Assumptions/Business Rules including Non-Functional Requirements	6
9.1 Response time.....	6
10.0 Use Case Specification Review and Signoff	8

Table of Figures

Diagram 1: Use Case Activity Diagram.....	7
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1.0 Introduction

Will allow user to view already created routes and the trucks assigned to them. Can view the route the order of zones in that route. Each route can have a preset applied to them to give them a particular inventory. User can modify routes by setting new zones or assigning a new truck to that route.

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

- Predecessors
 - Process batch files
- Successors
 - Modify truck
 - Modify driver
 - Modify presets

3.0 Trigger

User choosing to modify and view routes

4.0 Pre-condition(s)

4.1 Process batch files must have been completed previously

5.0 Post-condition(s)

5.1 Displayed list of routes

5.2 Displayed route information

6.0 Use Case Activity Diagram

6.1 Diagram 1

See diagram 1 on page 6

7.0 Main/Basic Flow(s) of Events

7.1 Modify route

7.1.1 Adding route

User views full list of routes and adds a route to the list. The information of the route will be displayed. The route can be modified by applying a preset, assigning the truck, setting the areas, or the route can be deleted.

7.1.2 Selecting route

User views full list of routes and selects a route to modify. The information of the route will be displayed. The route can be modified by applying a preset, assigning the truck, setting the areas, or the route can be deleted.

8.0 Alternate/Exception Flow of Events

8.1 View full list of routes only

User views full list of routes and ends process.

8.2 Delete route

User views full list of routes and selects a route to modify. The information of the route will be displayed. The route is deleted and the full list of routes is displayed.

9.0 Assumptions/Business Rules including Non-Functional Requirements

9.1 Response time

Each system process should be done within 1 second.

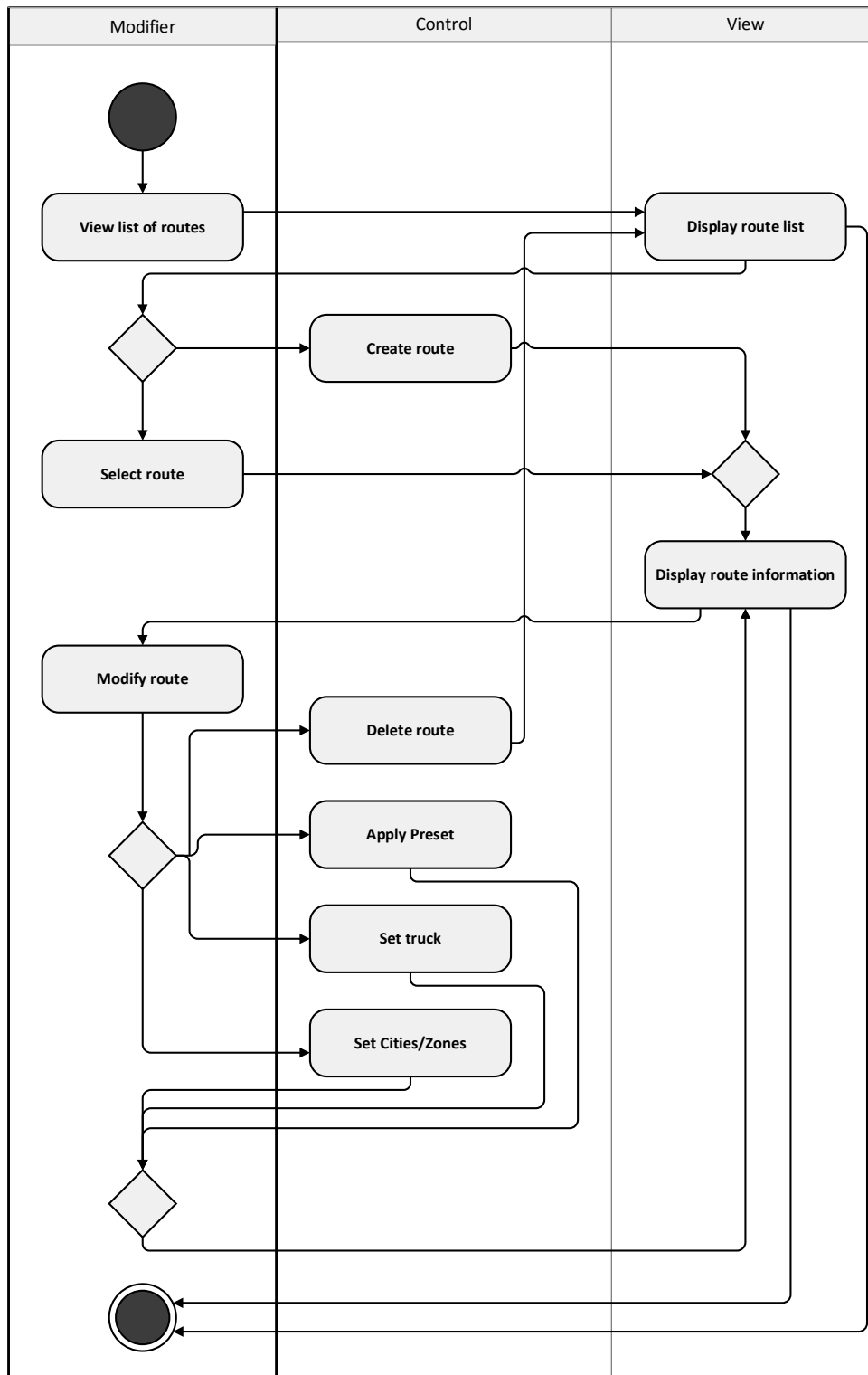





Diagram 1: Use Case Activity Diagram

10.0 Use Case Specification Review and Signoff

Review and Sign off 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
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