Ice Cream Manager [ICM]

USE CASE SPECIFICATION DOCUMENT

UC08
Modify Settings
Version No. v1.0

Project Document Revision History

VERSION	DATE	REVISION AUTHOR	DESCRIPTION OF REVISION
0.1	2016-2-20	Marc King	Initial content generation.
0.2	2016-2-26	Marc King	Added introductions, interactions, triggers, pre-conditions, post-conditions, flows of events.
0.3	2016-3-2	Marc King	Added activity diagrams and assumptions.
0.4	2016-3-10	Marc King	Revised activity diagram.
1.0	2016-3-17	Cosmosys Team	Baselined.

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1.0 Introduction

The purpose of this use case is to allow the user to change various settings related to the functionality of the graphical user interface.

2.0 Use Case Information

2.1 Actors

ACTOR NAME	ROLE	DESCRIPTION
Manager	Main	The manager of the ice cream truck company.
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

This use case does no interact with other use cases.

3.0 Trigger

This use case is triggered when the user access the menu item in the graphical user interface designated to edit the settings.

4.0 Pre-condition

4.1 Software Executing

The settings can only be modified after the software is running on the user's computer.

5.0 Post-conditions

5.1 Language Modified

The language used in the graphical user interface has been changed.

5.2 Currency Modified

The currency used when displaying sales reports has been changed.

6.0 Use Case Activity Diagram
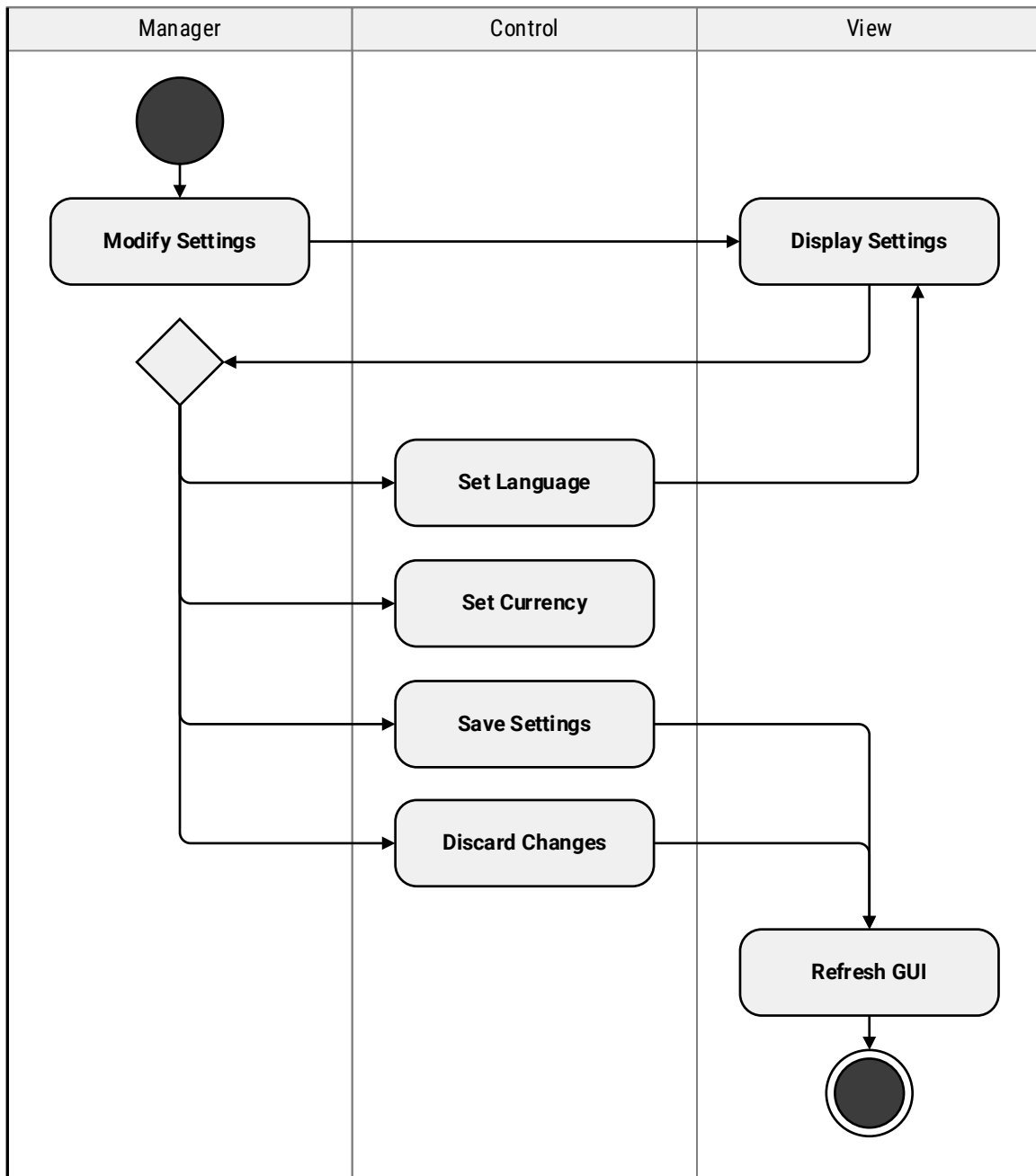
Manager	Control	View

Modify Settings

Display Settings

Set Language

Set Currency

Save Settings

Discard Changes

Refresh GUI

Diagram 1: Use Case Activity Diagram

7.0 Main/Basic Flows of Events

7.1 Language Modified

The manager selects from a list of languages and applies the change. The graphical user interface then uses the selected language until a different language is selected.

7.2 Currency Modified

The manager enters a currency symbol and applies the change. All sales reports will then use the currency symbol until a different currency symbol is entered.

8.0 Alternate/Exception Flows of Events

There are no alternate flows of events for this use case.

9.0 Assumptions/Business Rules including Non-Functional Requirements

UC08-1.   Changing the user interface language should be immediately applied to all screens.
UC08-2.   Changing the currency symbol should be immediately applied to all screens.

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
Jacob Vacheresse	Developer		2016-03-17