



Ice Cream Manager ^[ICM]

USE CASE SPECIFICATION DOCUMENT

UC09

Modify Voting

Version No. v1.0

Project Document Revision History

VERSION	DATE	REVISION AUTHOR	DESCRIPTION OF REVISION
0.1	2016-2-26	Fan Zhang	Initial content generation.
0.2	2016-3-6	Fan Zhang	Made multiple changes and corrections
0.3	2016-3-15	Marc King	Style and formatting pass, updated actor list to match UCSD
0.4	2016-3-16	Aly Lakhani	Fixed grammar, updated instances of Use Case codes to match other documents. Added business assumptions. Took out filler for Sections 2, 4, and 5. Added new pre-conditions and post-conditions. Added new Main flow, and Alternate Flow (Section 7 and 8). Re-did Use Case Activity diagram to match new flows.
1.0	2016-3-17	Cosmosys Team	Baselined.

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1.0 Introduction

The purpose of voting is to allow the user to add new polls to the system who will be able to make an analysis from the information received the poll after collecting all completed customer surveys delivered by the drivers. This use case will cover two distinct but closely related functionalities: Add poll and View poll. The manager will also be able to make adjustments to other use cases based on the charts and graphs drawn by the database system manager.

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

- Predecessor
 - None
- Successor
 - UC01 Modify Inventory
 - UC03 Modify Route
 - UC05 Modify Item

3.0 Trigger

- If the manager wants to add a poll, that will trigger this use case.
- If the manager wants to edit a poll they made previously, that will trigger this use case.

4.0 Pre-condition

4.1 UC06 Modify Item

Items should be created and added to system prior to any polls which may call on that item.

4.2 UC07 Modify Driver

Driver should exist prior to any polls being assigned to them.

5.0 Post-condition

5.1 Poll created

Polls will be created, and can be viewed, or edited.

6.0 Use Case Activity Diagram

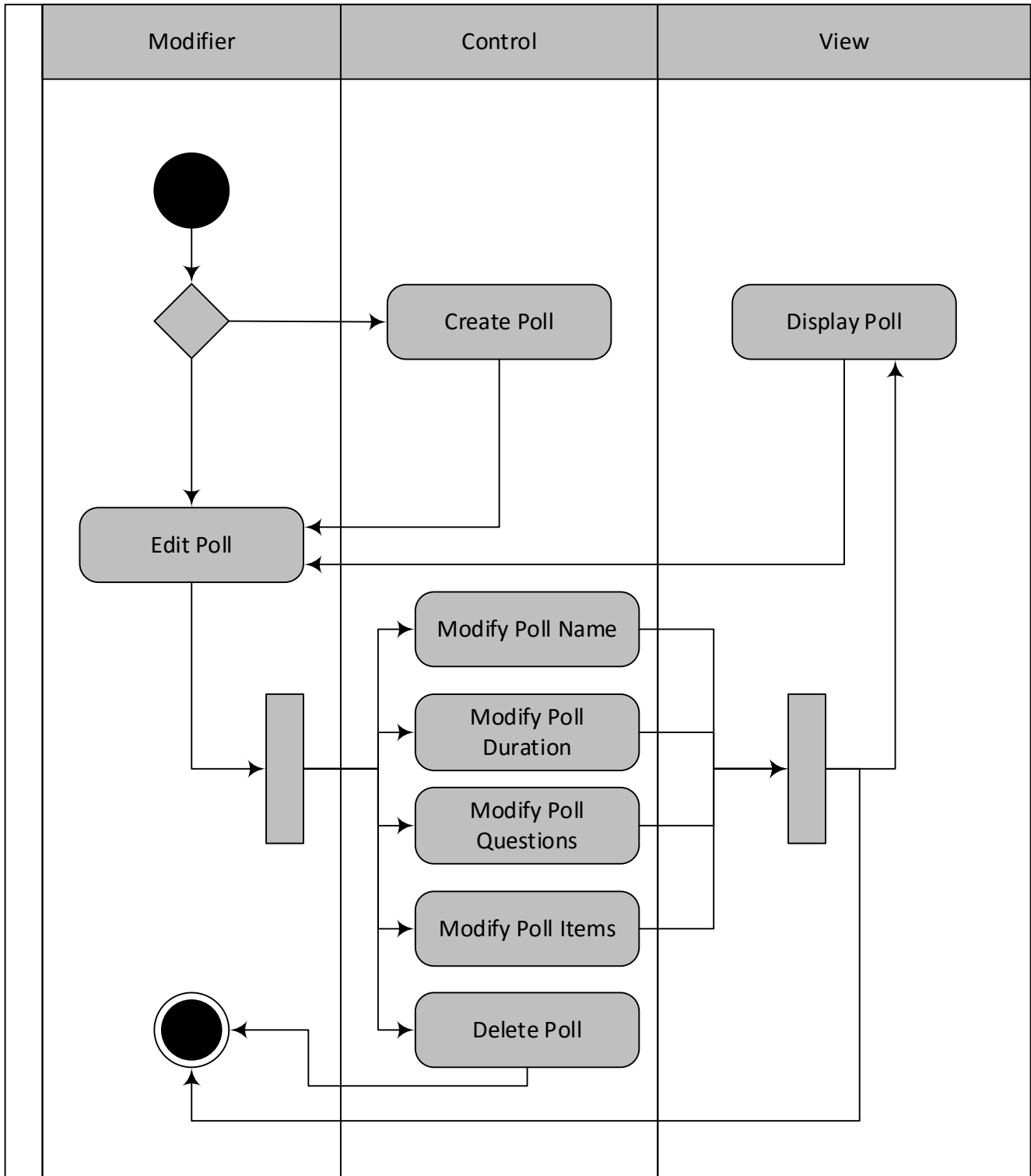


Diagram 1: Use Case Activity Diagram

7.0 Main/Basic Flow(s) of Events

7.1 Add Poll

1. Manager will make a decision to create a poll.
2. Manager will create poll name.
3. Manager will create poll questions.
4. Manager will assign poll items.
5. Manager will create poll duration.
6. Manager will assign poll to driver.

8.0 Alternate/Exception Flow of Events

8.1 Edit Poll

1. Manager will view poll.
2. Manager will make decision to edit poll.
3. Manager will be able to edit poll name.
4. Manager will be able to edit poll questions.
5. Manager will be able to edit poll items.
6. Manager will be able to edit poll duration.
7. Manager will be able to delete poll.

9.0 Assumptions/Business Rules including Non-Functional Requirements

UC09-1 Modifying votes should be processed within 1 second, or provide a progress bar otherwise.

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
Aly Lakhani	Developer		2016-03-17
Fan Zhang	Developer		2016-03-17