Experiment No: 5

Title: Implementation of Use Case Diagram

Expense Manager Application

Use case diagrams:

• Use-cases are descriptions of the functionality of a system from a user perspective.

• A use case typically represents a major piece of functionality that is complete from

beginning to end.

• Most of the use cases are generated in initial phase, but may add some more after

proceeding.

• A use case may be small or large. It captures a broad view of a primary functionality of

the system in a manner that can be easily grasped by non-technical user.

• Depict the behaviour of the system, as it appears to an outside user.

• Describe the functionality and users (actors) of the system.

• Show the relationships between the actors that use the system, the use cases

(functionality) they use, and the relationship between different use cases.

• Document the scope of the system.

• Illustrate the developer's understanding of the user's requirements.

Use cases: Information captured

• Actors

• Relationships with other use cases

- Pre-condition

- Details

- Post-conditions

- Exceptions

- Constraints

Use Case Diagram for Expense Manager Application: