Tour Management System

Objectives

- To study and document requirements of a tour management system using the UML notation
- Description of various components of UML
- To create UML diagrams that model all the aspects of a tour management software system

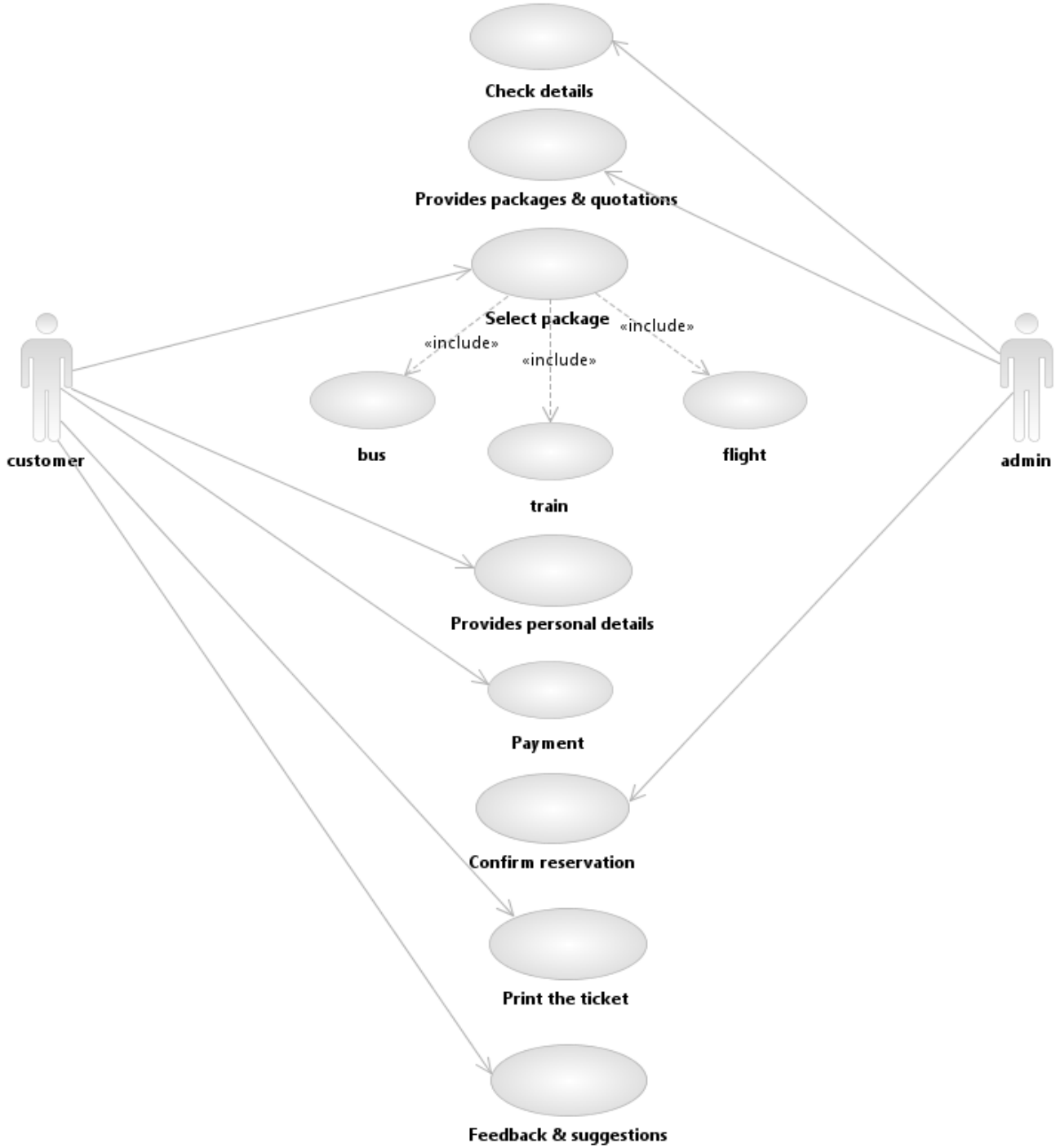
Introduction

- Software application used for managing different types of tours and travels provided by a travel agency.
- Developed in java programming language
- Can be used by travel companies to maintain records of customer tour bookings, package details and customer history
- Simple user interface making it very easy to use

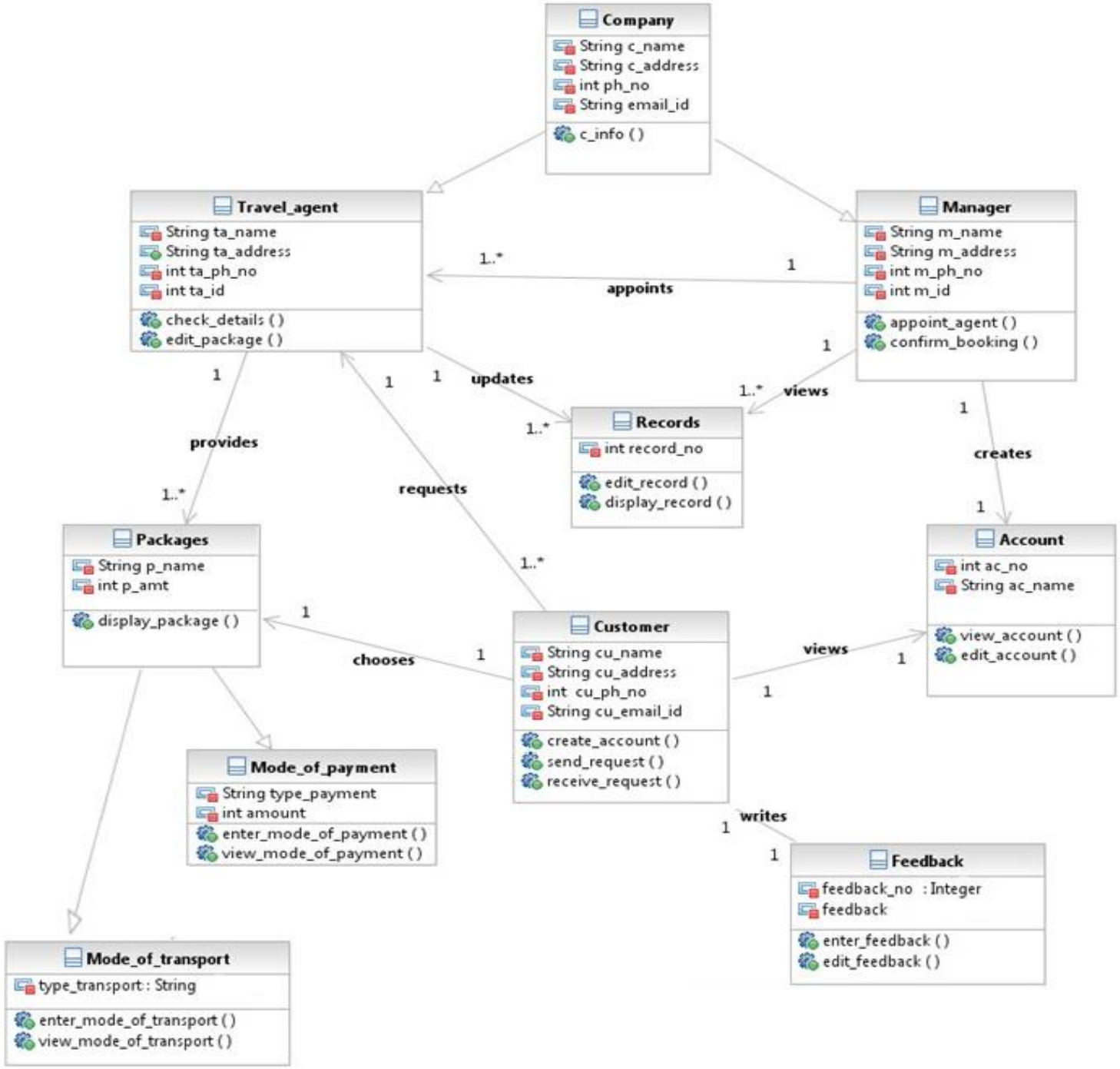
1. Problem Statement

To create an Application on Tour Management for tour operators. The application will keep a track of all the customers and the queries requested by them to visit various places. The application displays the different list of tours and travel packages. It will provide information to the customers according to their queries and provide a quotation for the tour requested by the customers. The application will create an accounting package for maintaining all the transactions for the tours selected by the customers. It will book flight tickets, railway reservation or bus tickets on behalf of the customers. The application will keep the records of customers and their bookings.

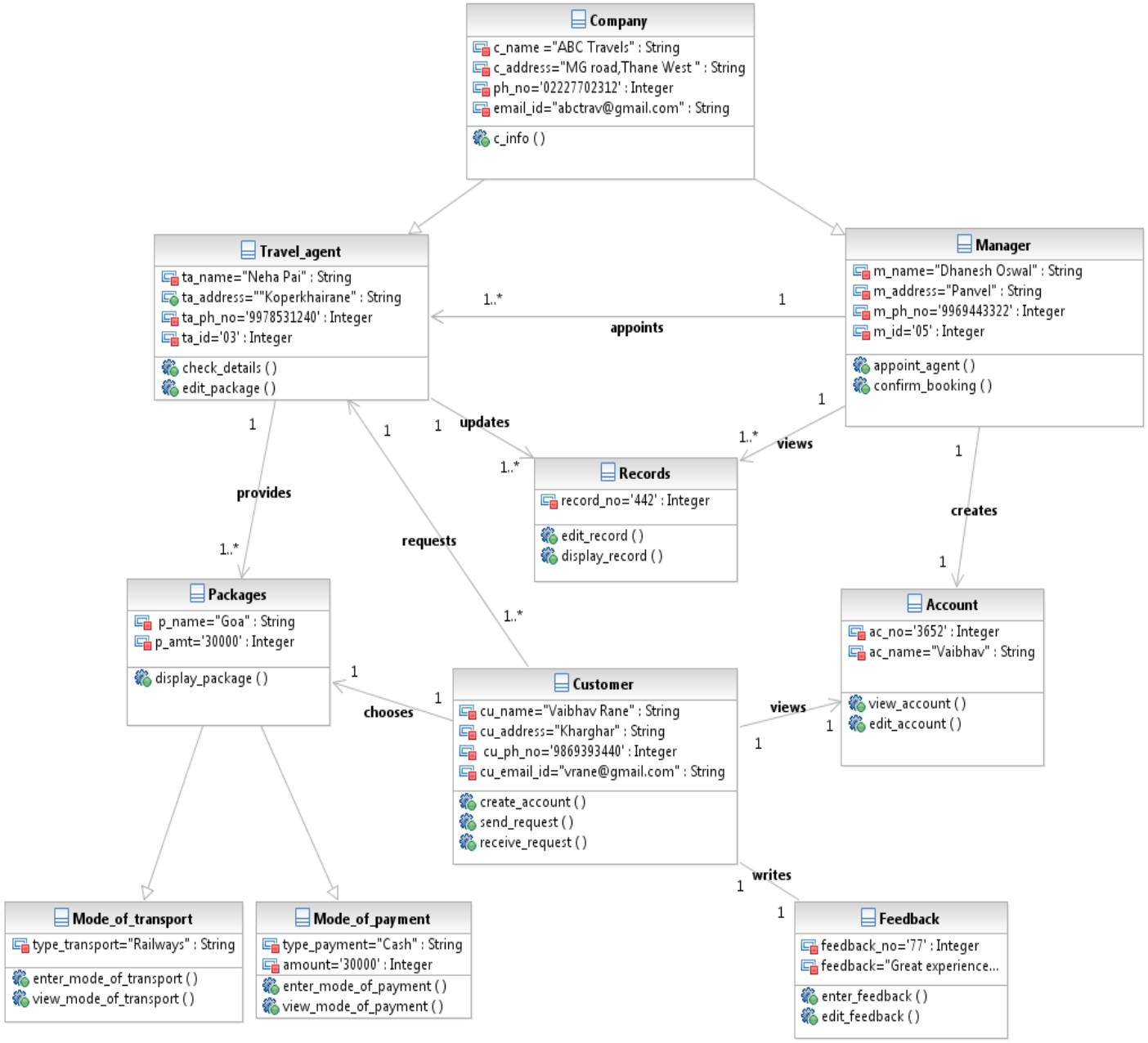
2. Use Case Diagram



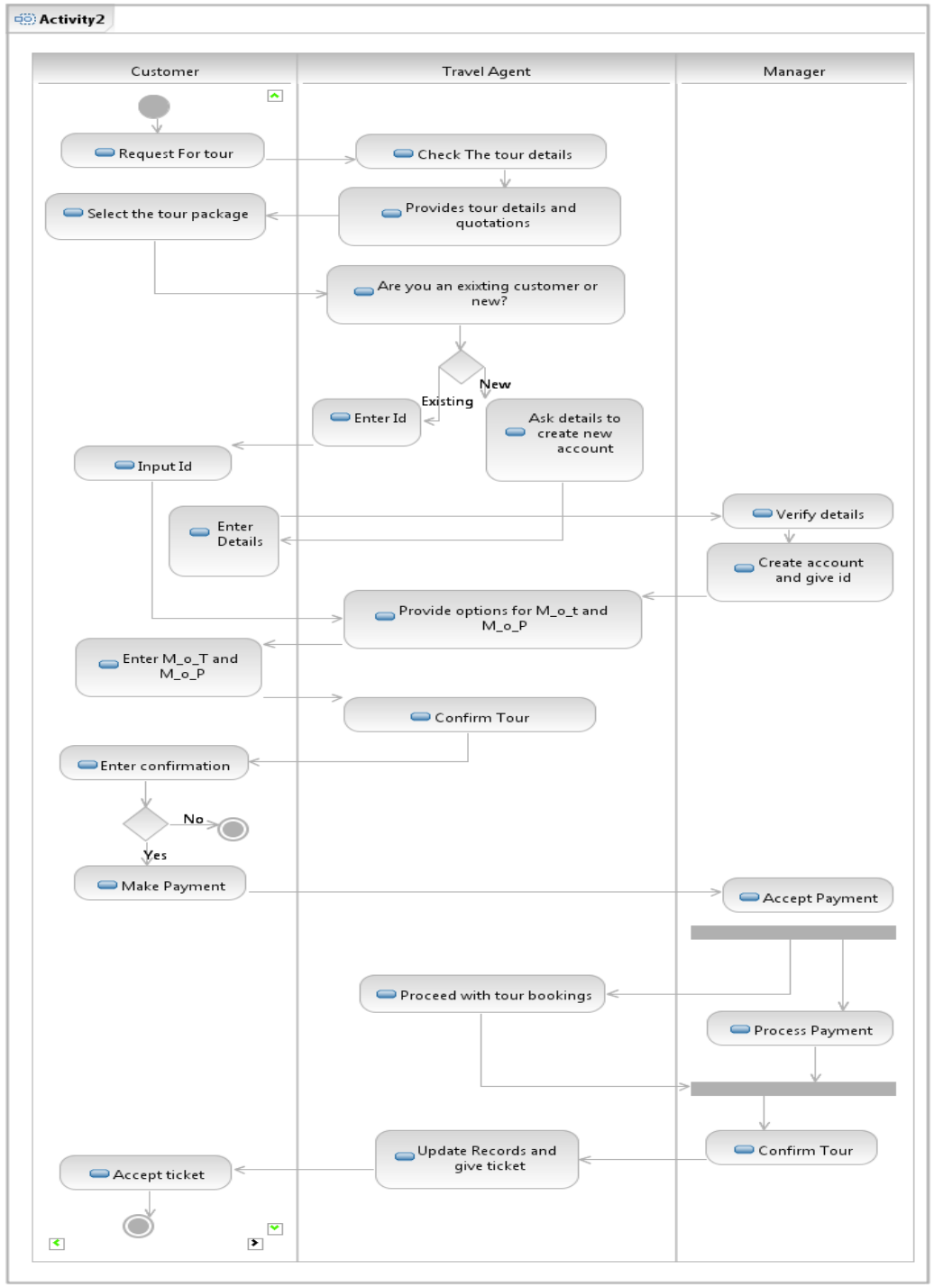
3(a). Class Diagram



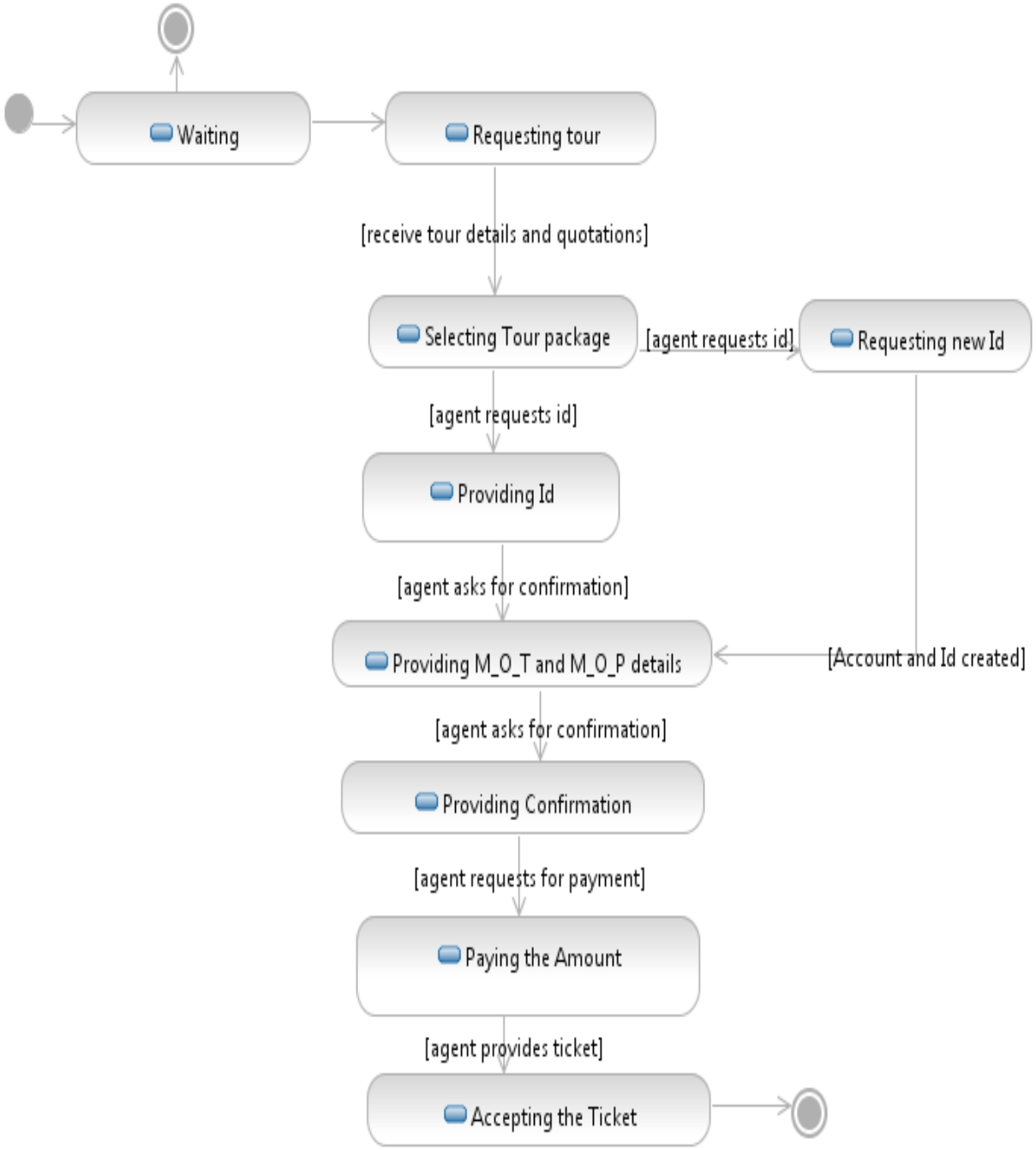
3(b). Object Diagram



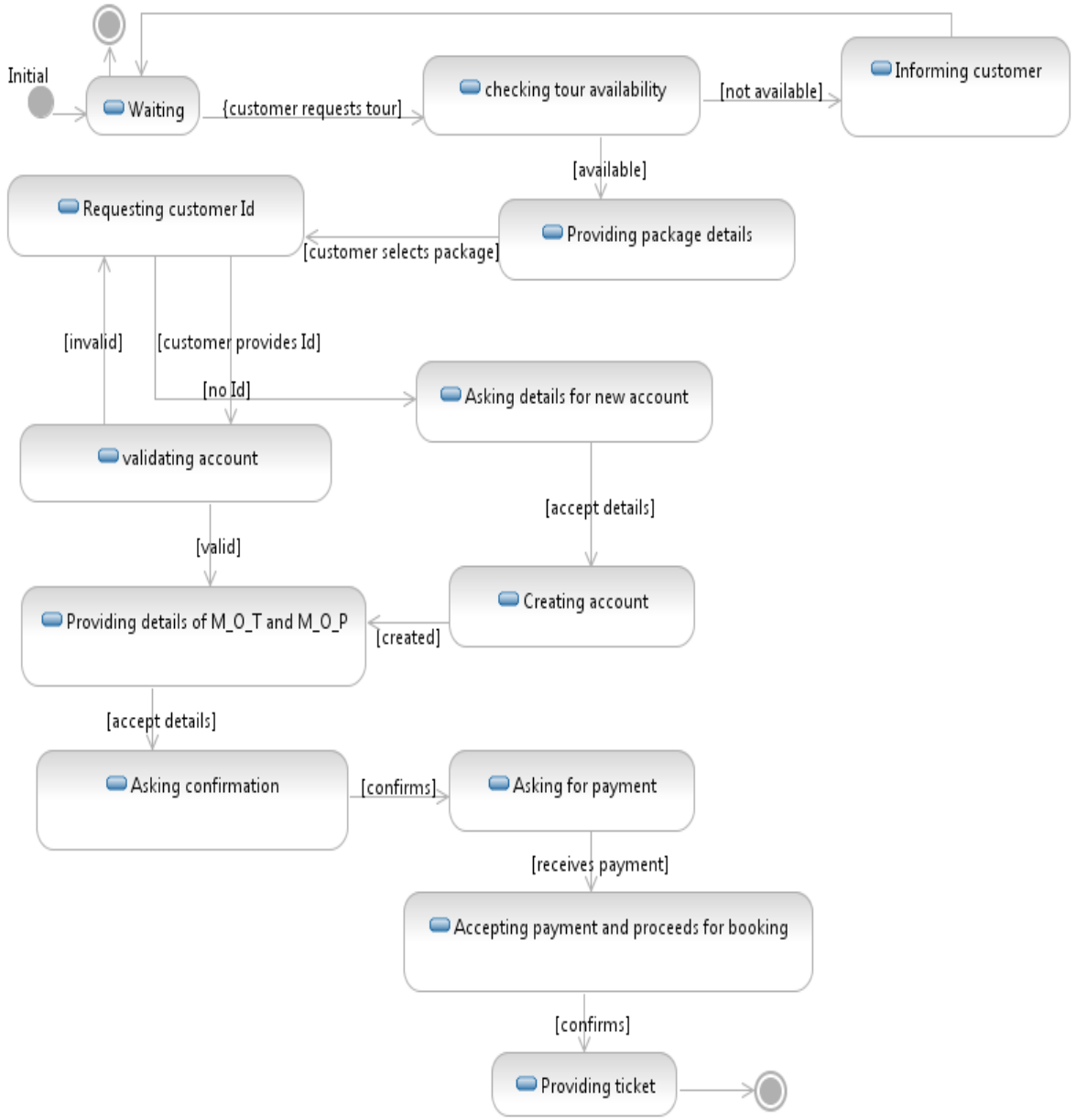
4(a). Activity Diagram



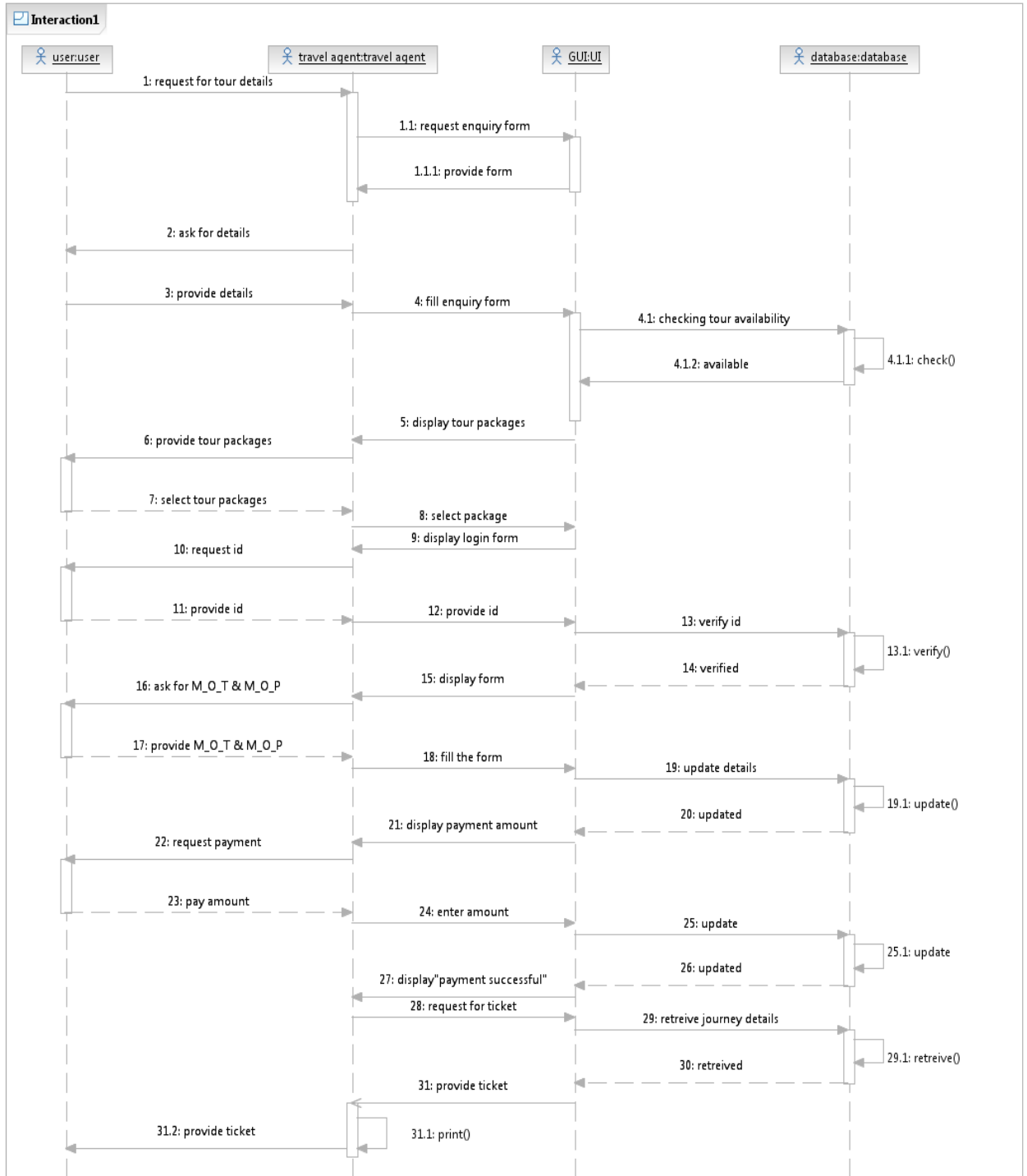
4(b).
(i) State Diagram For Customer



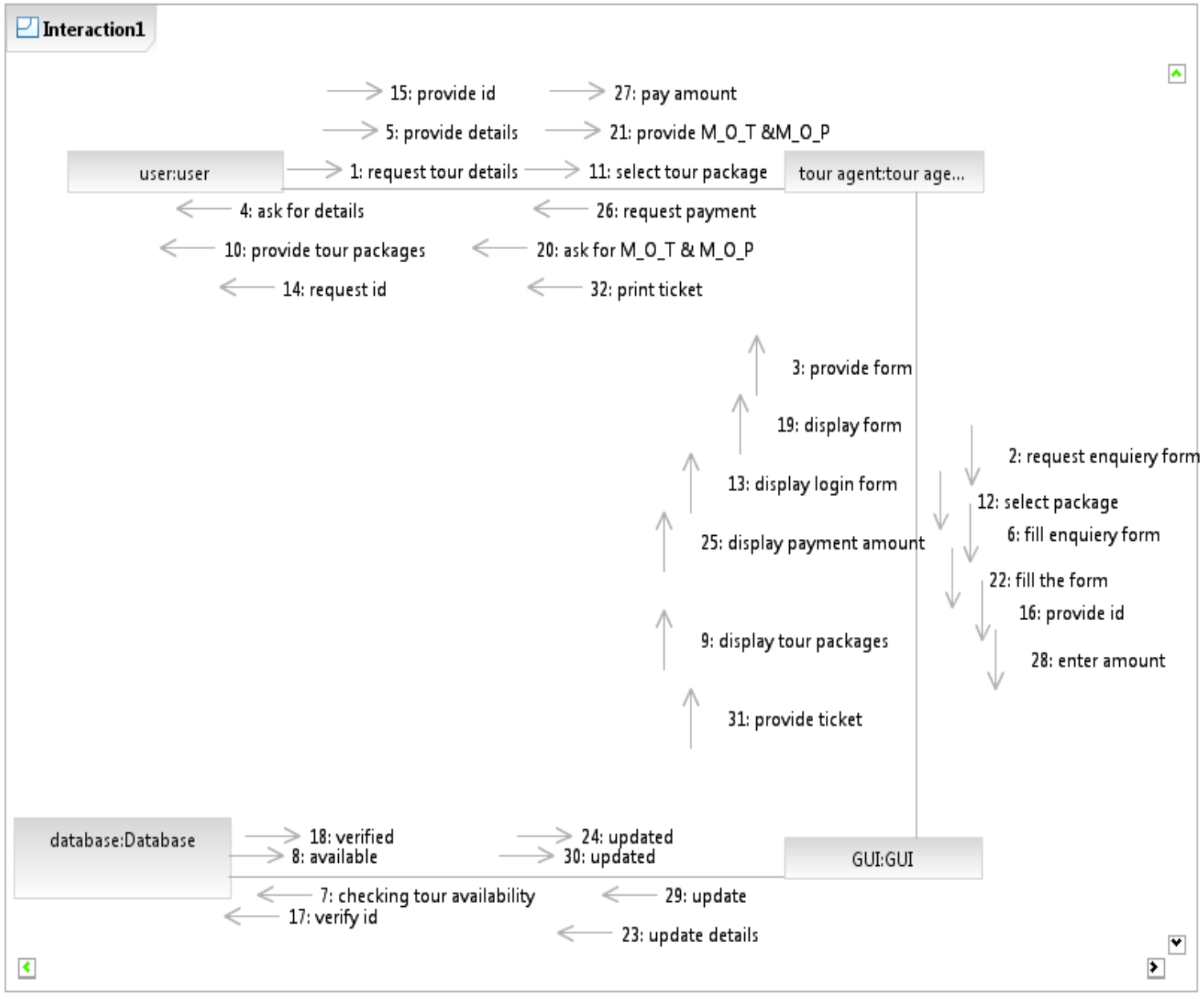
4(b).
(ii) State Diagram For Travel Agent



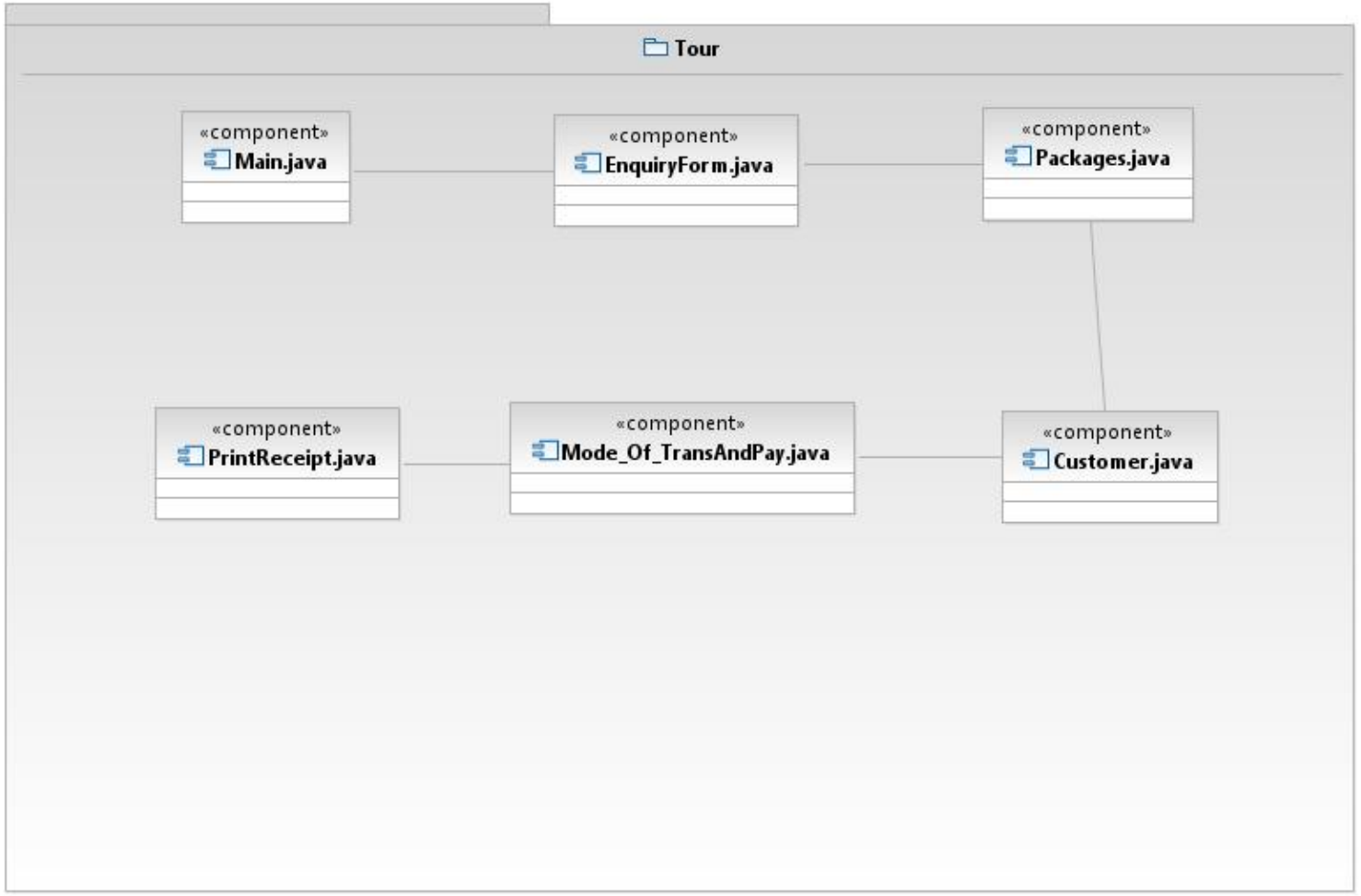
5(a). Sequence Diagram



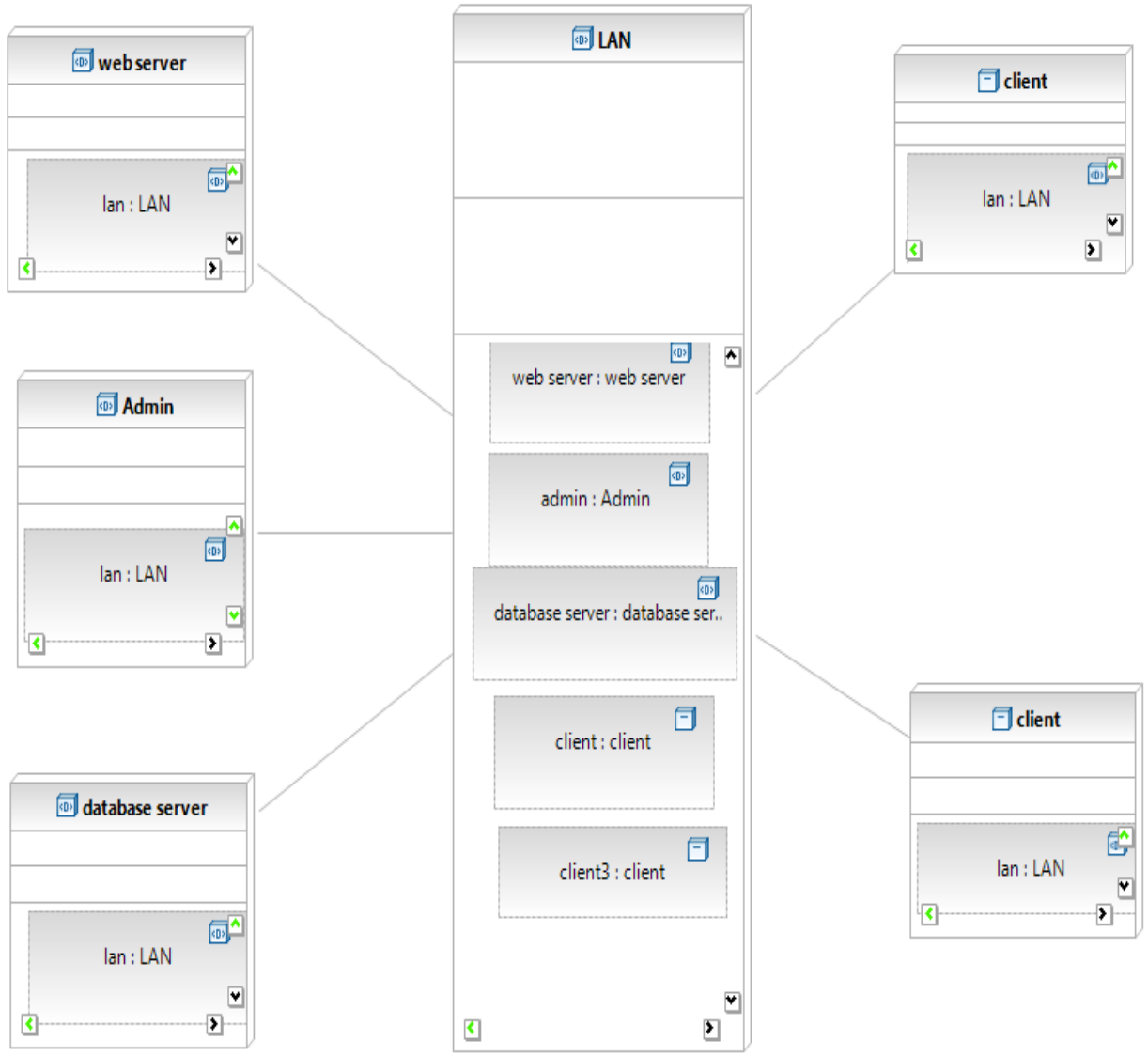
5(b). Collaboration Diagram



6(a). Component Diagram



6(b). Deployment Diagram



Conclusion and future scope

- Studied basics of Unified Modeling Language(UML) and applied to develop models for various aspects of tour management system
- Reduces need for documentation of records, wastage of time and proves to be very economical in the long run
- Can be further enhanced to provide better flexibility and performance with certain modifications whenever necessary