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1. Assignment Specification

The project is an implementation of an application for managing flight tickets. The application has two types of users: the administrator and the user. The user is represented by the any user of the application. Both users need to provide an username and a password in order to use the application.

A regular user can perform the following operations on tickets: view. The administrator can perform operations on tickts' information like create, update, delete and view.
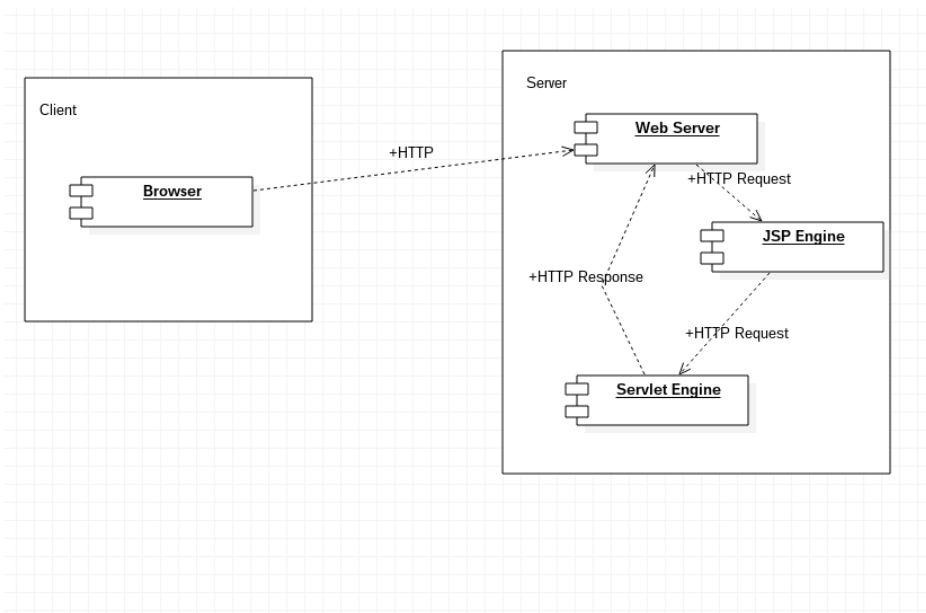
The data is stored in a database as is described in the diagrams. The application uses the Layers architectural pattern for the general organization. Also, all the inputs of the application is validates against invalid data before submitting the data and saving it in the database.
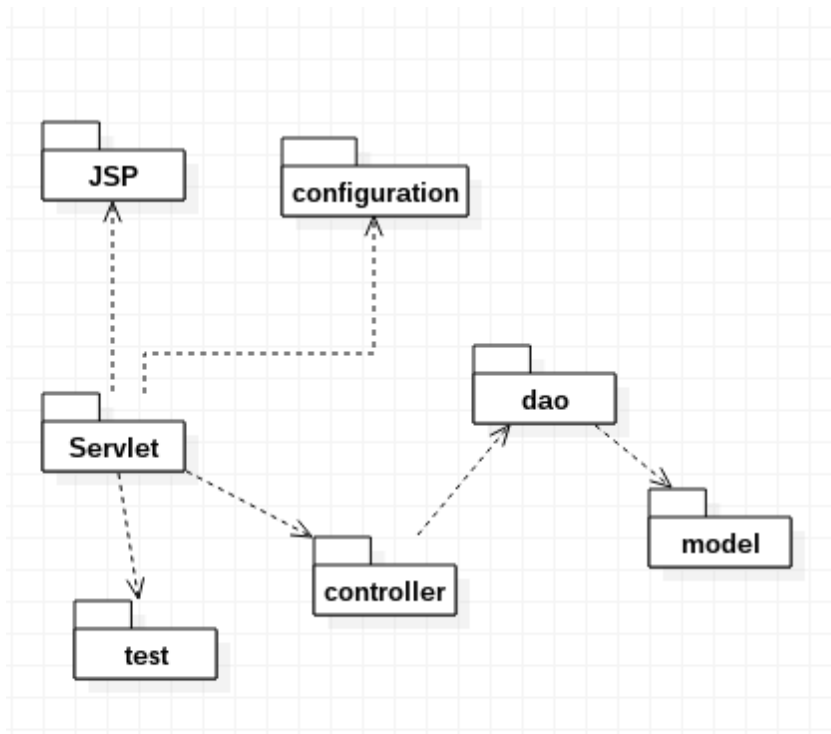
2. Diagrams

The users interact with the applications through the browser. The navigation is controlled by the application and all the inputs are sent to the application. The service contains all the methods needed and the resources are taken from the database.

Deployment diagram

Deployment diagrams model the hardware used in system implementations, the system components deployed on that hardware, and the associations between those components. Also, it tells what is installed where and with what it communicates.

Package diagram

UML Diagram