

<Airline Flight Reservation Server: Release 1>

Design Documentation

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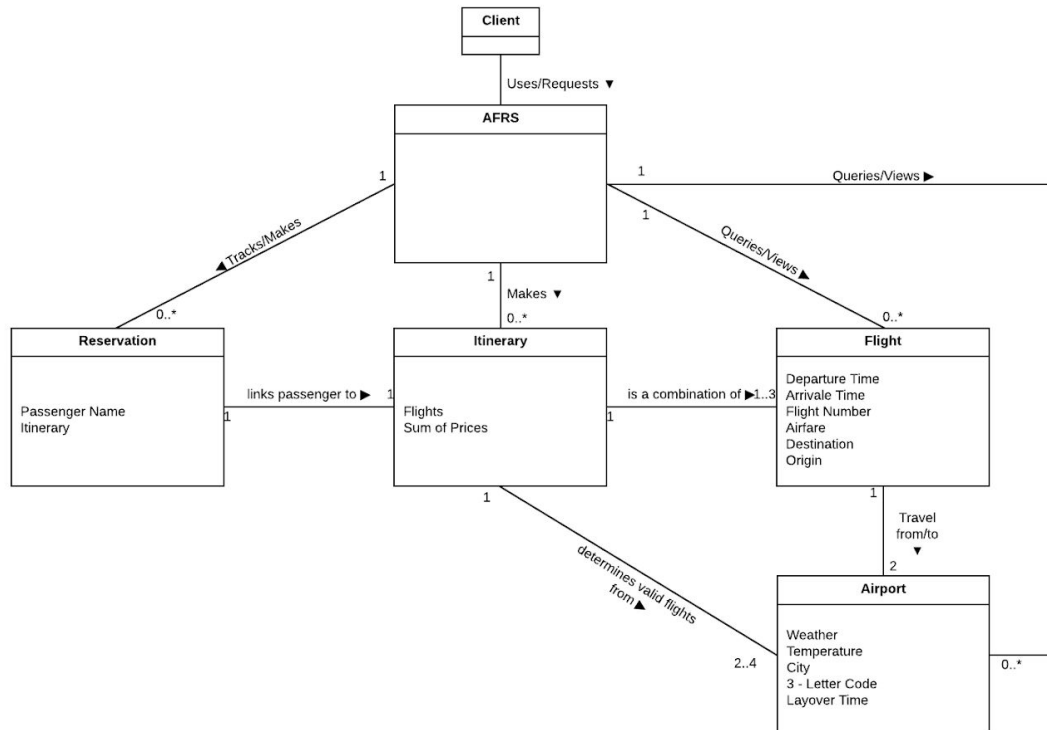
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Summary

This section provides a brief overview of the project.

Domain Model

This section provides a domain model for the project. It should follow the guidelines discussed in class and the design project activity sheets. For it to be readable, you may need to turn this page into landscape mode.



System Architecture

This section provides a model of the subsystem components that make up the overall software architecture for the project. Draw the subsystems as simple boxes with relationships between them. Provide a narrative that describes the responsibilities of each component and the interfaces that are provided between subsystems.

Subsystems

This section provides detailed design for specific subsystems described in the system architecture.

Name of the subsystem

In this section, provide the following information for the first subsystem.

- Class structure diagram and a narrative that describes the structure of this subsystem
- Sequence diagrams with associated narratives that describe the dynamic behaviors that are primarily located within this subsystem. Within your subsystem design descriptions, you must make sure to provide sequence diagrams for all features listed in the design project problem statement. You may also decide that other features require documentation within the subsystems.
- A description of all design patterns that are primarily located within this subsystem. Use the table below to describe each design pattern. If a design pattern cuts across the boundary of subsystems, place the pattern usage table in the section for the subsystem that holds the majority of pattern participants.

Name:		GoF pattern:
Participants		
Class	Role in GoF pattern	Participant's contribution in the context of the application
Deviations from the standard pattern:		
Requirements being covered:		

Name of the subsystem

This section provides a similar description and diagrams for the model describing the second subsystem.

Status of the Implementation

Provide a complete description of the status of your implementation. This should specify all known defects in the system, and indicate requirements that your implementation does not cover.

Appendix

This section provides fine-grained design details for all of the classes in your design. You will capture this information using the CRC (Class-Responsibilities-Collaborators) card format below.

Class: MyClass1	
Responsibilities: ...	
Collaborators: ...	
Users: ...	Used by: ...
Author: ...	