EIST – T02 Team Project

Flight System GAFIS

Scrumbags

Technische Universität München

29 July 2022

Outline

Outline

Flight System

Design a system to make traveling via airplane more pleasant

- Get Information about the current flight
- Get points of interest at destination
- Create flight journeys
- Enjoy movies, food and drinks
- ...

Outline

Outline

Weather, Movies, Flights, Maps, POIs

Fetch and present data from external services

Back to home | Show Top 10 | Show Favourites

Name	Rating
The Hive Gallery & Studios	4.8
Walt Disney Concert Hall	4.7
San Antonio Winery	4.7
Dodger Stadium	4.7
Cathedral of Our Lady of the Angels	4.7
LA Plaza de Cultura y Artes	4.7
Vista Hermosa Natural Park, Mountains Recreation & Conservation Authority	4.7
Los Angeles State Historic Park	4.6
Japanese American National Museum	4.6
Japanese Village Plaza	4.6
Art Share L.A.	4.6
Chinese American Museum	4.6
Grand Park	4.5
Bradbury Building	4.5
Grand Hope Park	4.5
Avila Adobe	4.5
Los Angeles City Hall	4.4
GRAMMY Museum L.A. Live	4.4
Chinatown Central Plaza	4.2
Studio For Southern California	3

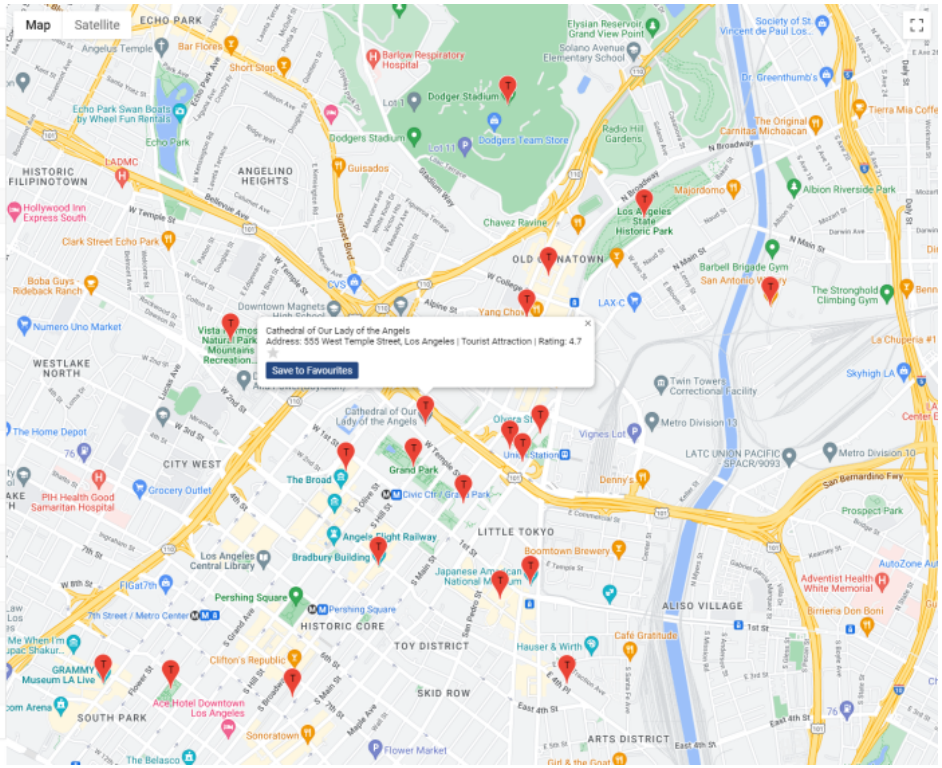


Figure: Points of interest at destination

Flight information and Survey

Create a login system

- Extend system functionality if logged in
- Grant persistance of information

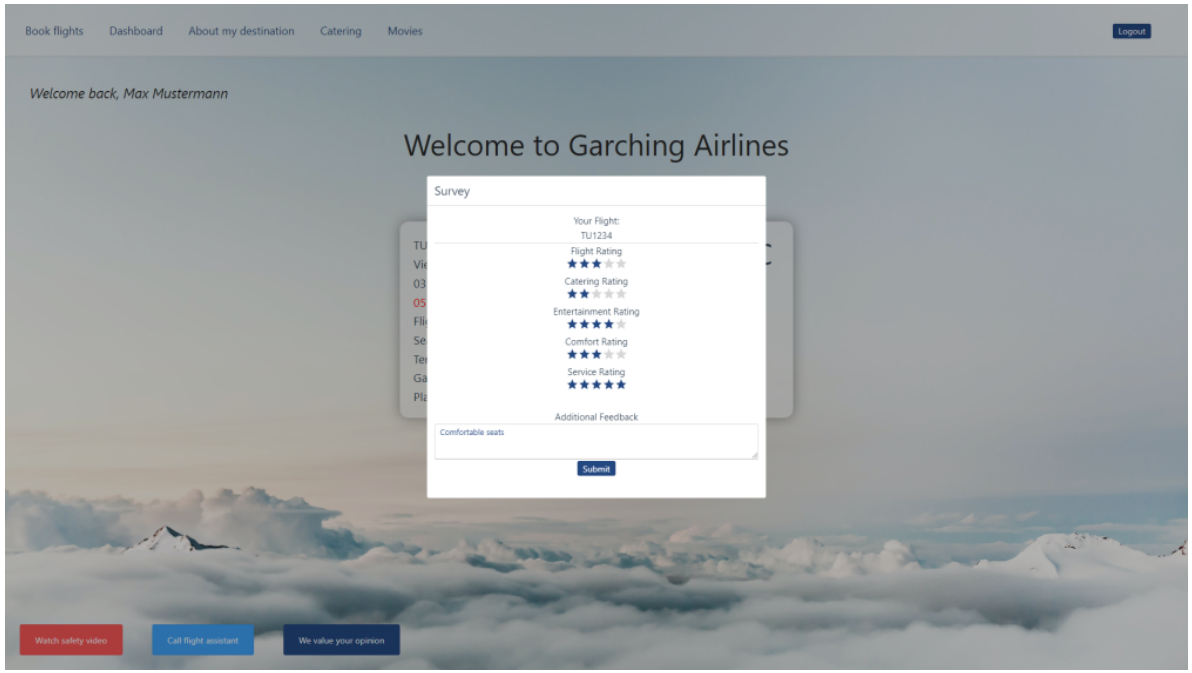


Figure: Logged-in users can take a survey

Outline

UI

Intuitive to use and easy to understand

- Complete all interactions in < 3 clicks

Outline

Outline

Flights

- Show flight information
- Build flight trips from hand-picked flights
- Display destination information

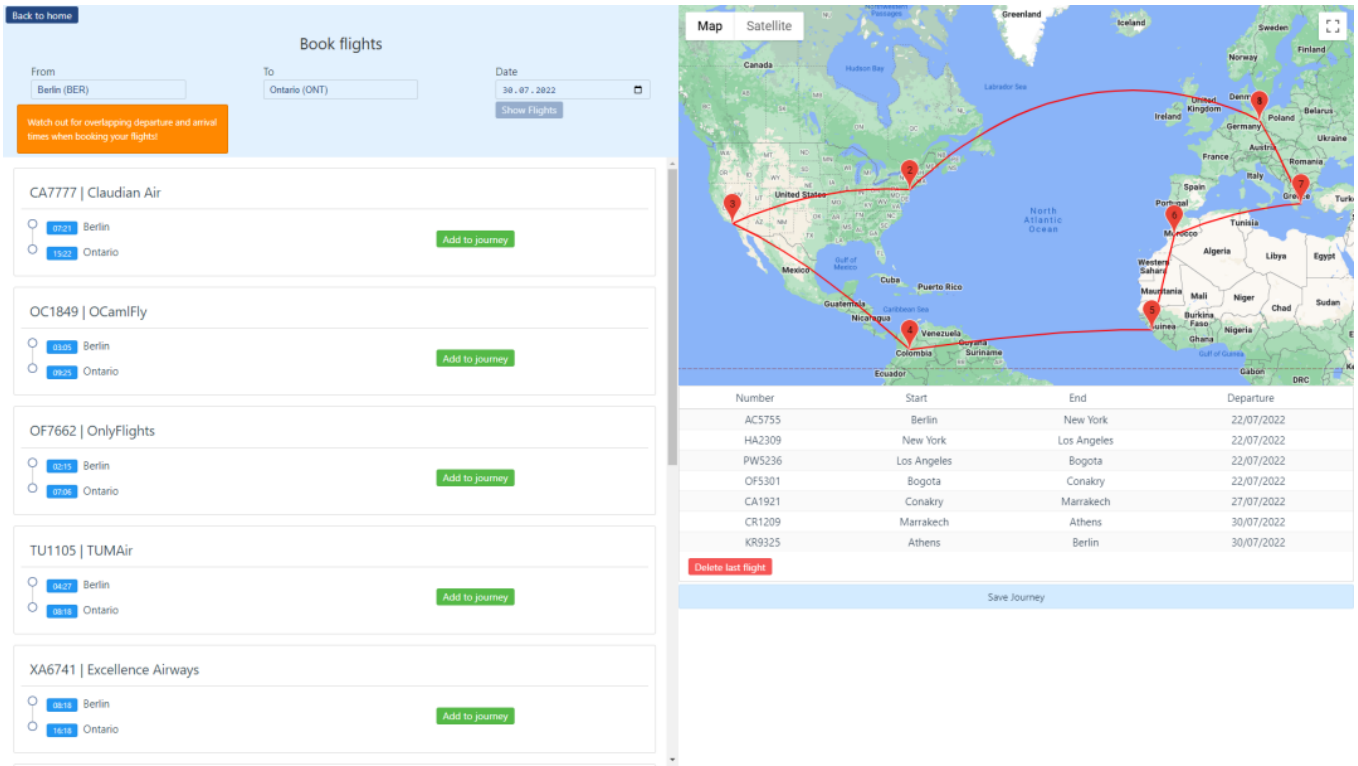


Figure: Build flight journeys

Feedback

- Take survey on flight comfort, catering, . . .

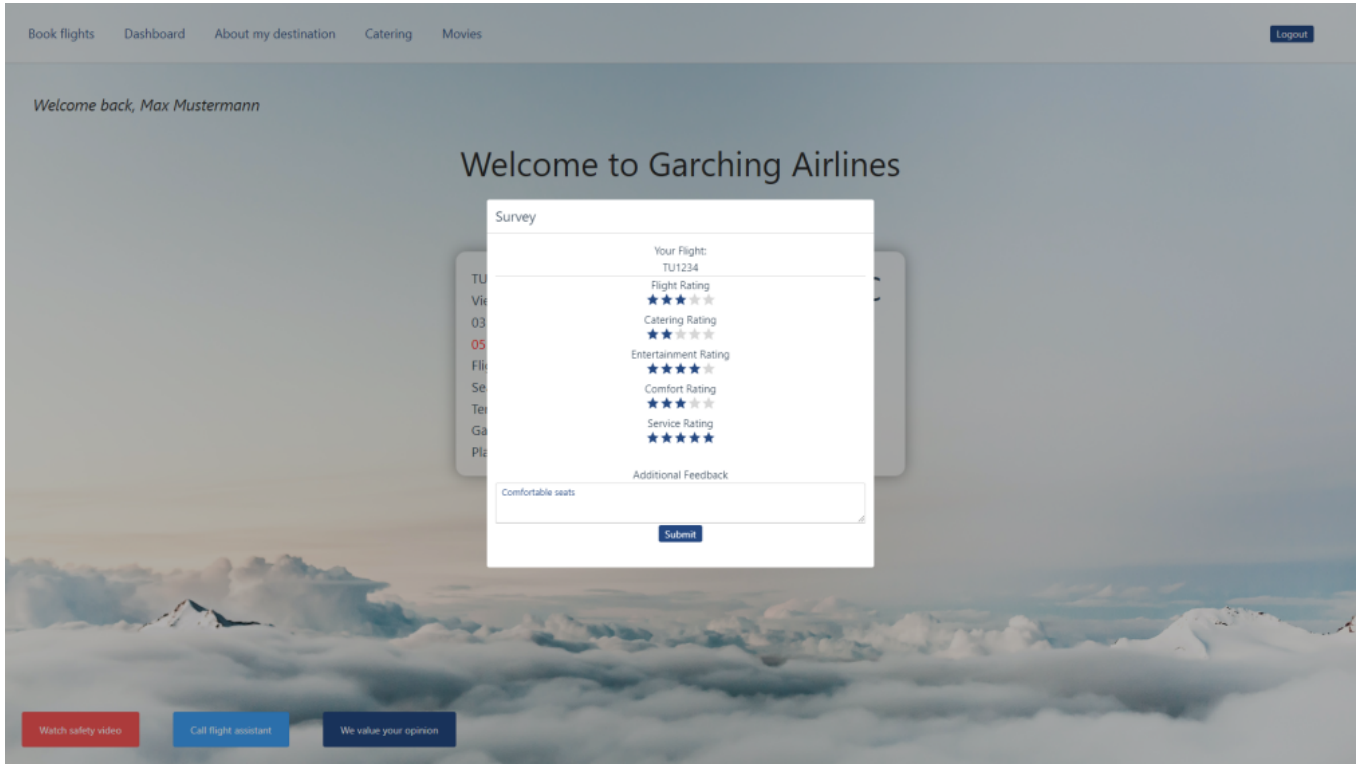


Figure: Logged-in users can take a survey

Outline

Infotainment

- Watch movies and order food and drinks
- Request assistance
- Watch flight safety instructions

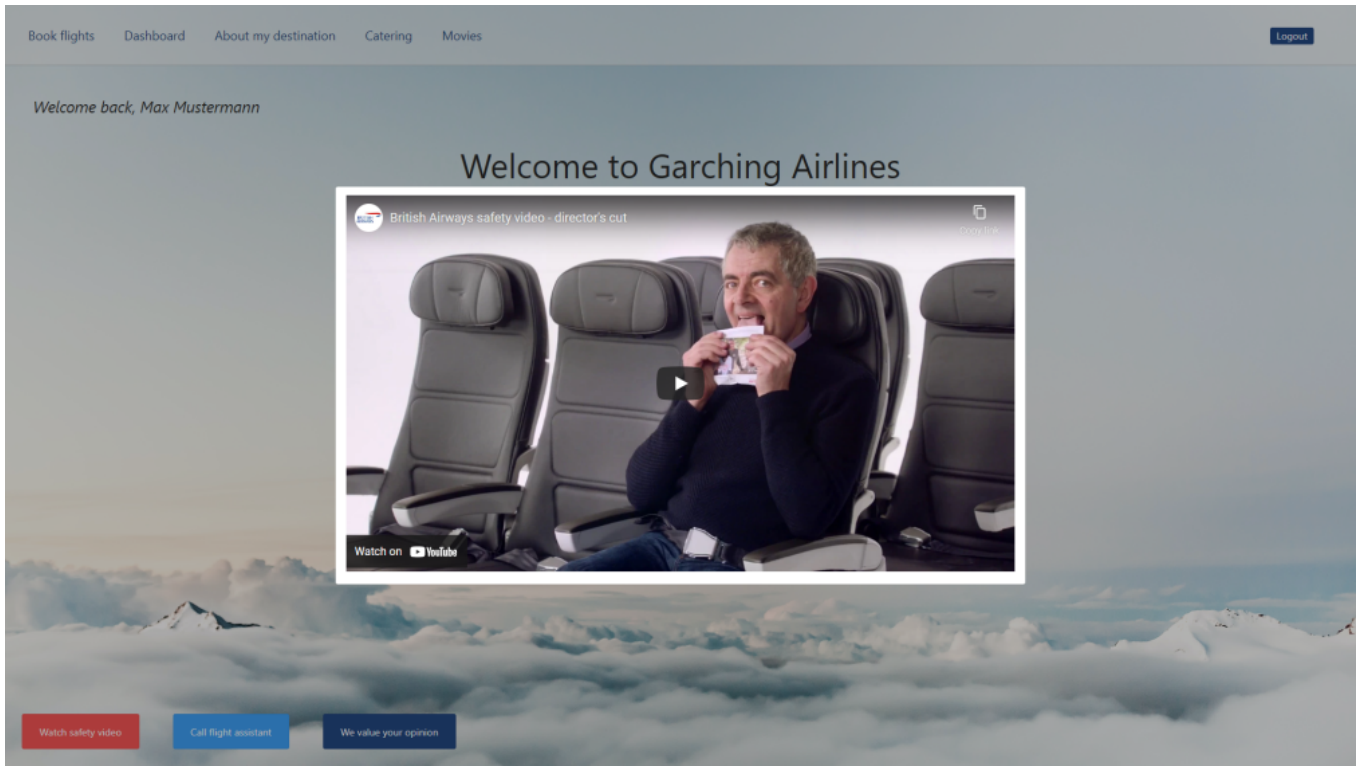
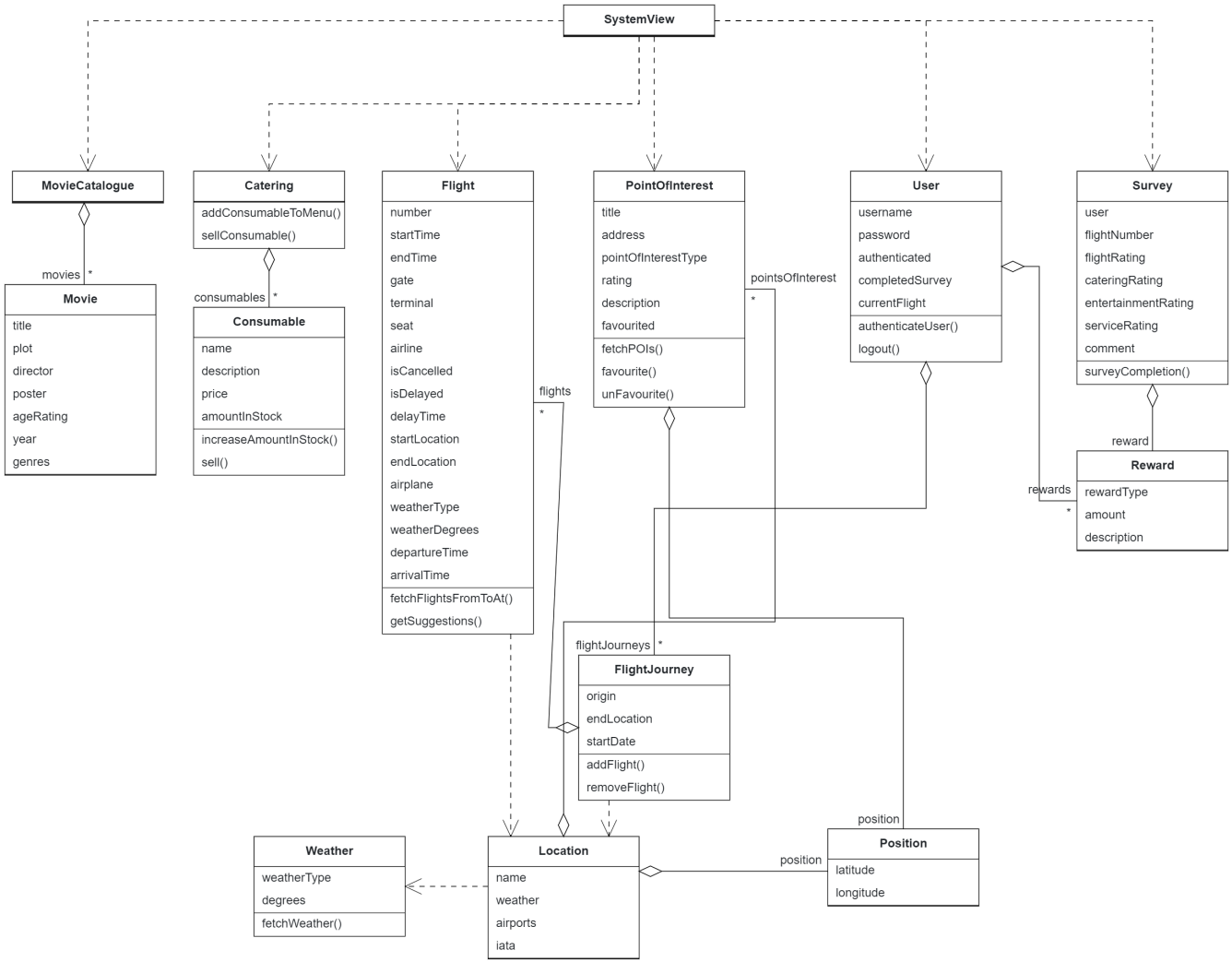


Figure: Safety video

Outline

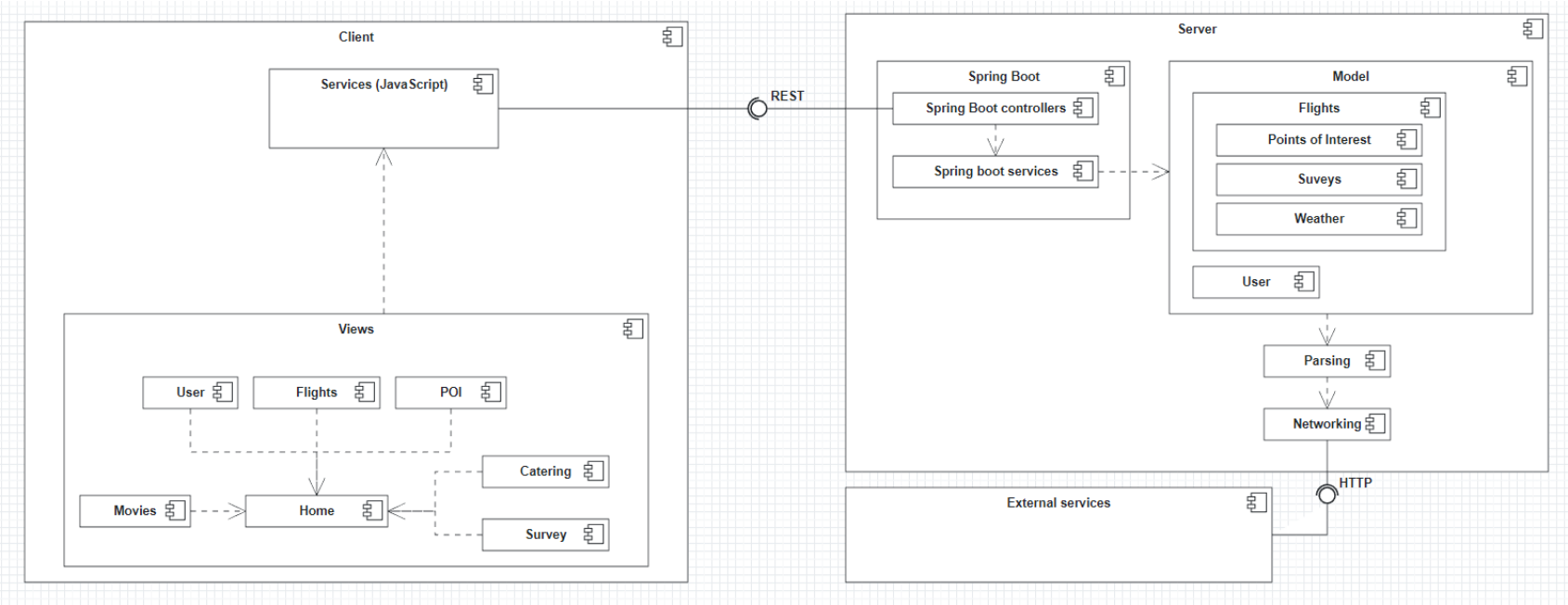
Outline

Analysis Object Model



Outline

Subsystem Decomposition



Outline

Communication Model

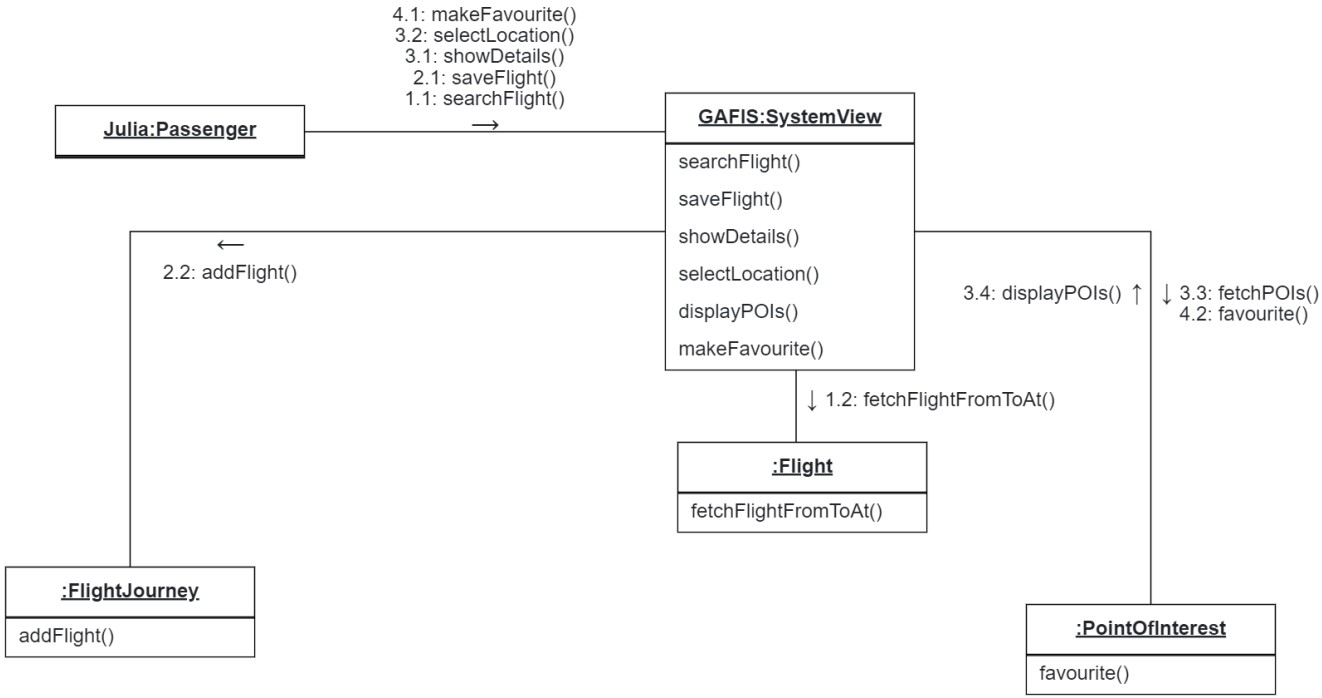


Figure: Julia's flight from Munich to Lisbon

Outline

Outline

Current Status and Future Work

- Audio player / music application
- News portal
- Database users locations
- Live weather
- Real time plane location tracker
- Flight wallet for catering orders and flight booking