

3F Final presentation



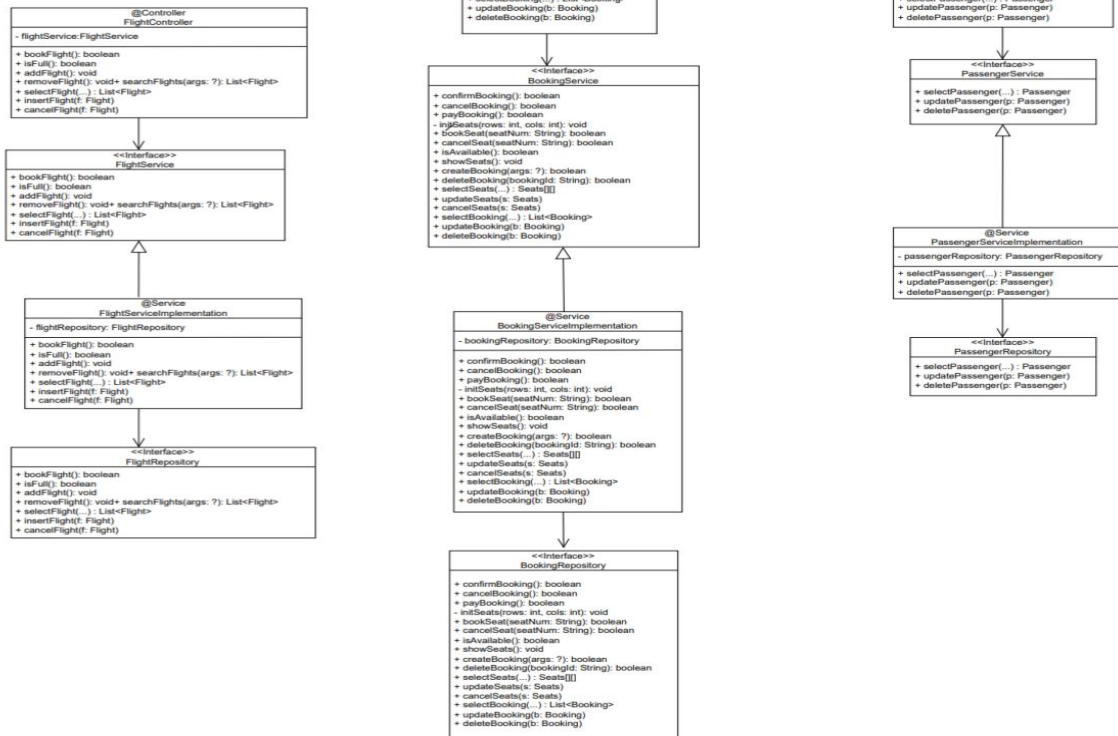
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Team's system architecture

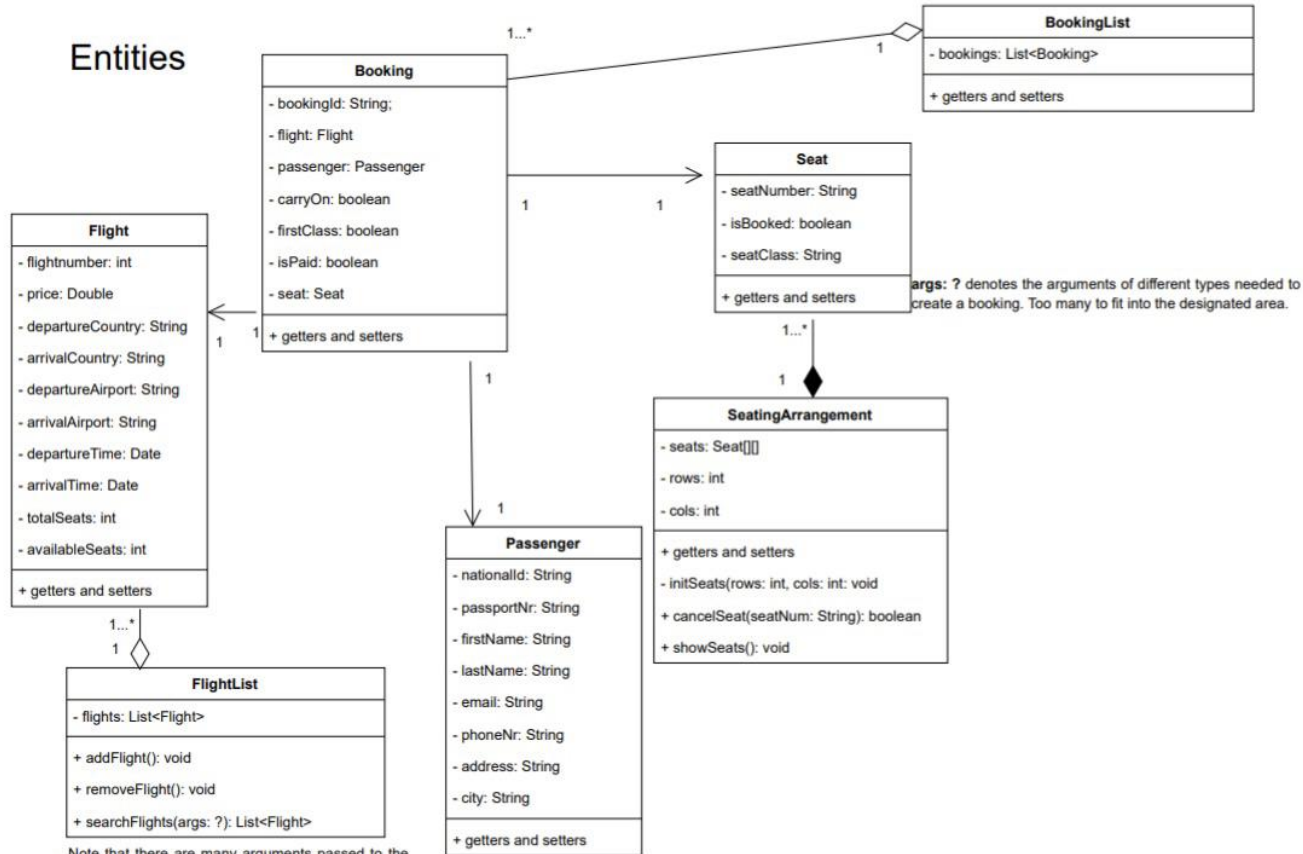
- JavaFX for the GUI
- SQLite for the database
- Maven for dependency management

Original plan UML

Controllers



Entities



Note that there are many arguments passed to the searchFlights() method such as maximum price, date of departure and arrival and other things. 'args: ?' therefore means many arguments of different types.

Critical review

- We should've have planned the project better
- Had to make changes to make the project function
 - The original UML needed some adjustments to make things work
 - But in that failure we learned a lot
- Could have started coding sooner
- The project backlog was done in one big sprint

Sprints

Sprint	User Story ID	User Story	Priority	Estimated Team Effort	Done?
1	1	As a user, I want to choose my departure and destination locations so I can find a suitable flight.	100	3	Yes
1	2	As a user, I would like to be able to select a date for my trip so that I can plan my trip.	100	3	Yes
1	3	As a user, I want to be able to see flight prices for different dates so I can save money.	60	10	Yes
1	13	As a user I want to select either a one-way or round-trip flight so I can book the trip that suits my needs.	80	3	Yes
2	10	As a user, I want to filter the search results to show only direct flights so that I can avoid layovers.	30	4	Yes
2	4	As a user, when I have submitted the relevant information, I want to see all available flights that meet the criteria so that I can choose the best flight according to my needs.	90	13	Yes
3	8	As a user, I want to be able to book flights for multiple passengers in a single transaction so I can save some time.	20	3	No
3	12	As a user, I want the option to set a maximum price for flights so that I only see flights within my budget.	30	5	Yes
3	11	As a user I want to add extra luggage to my booking so I can bring more items with me.	40	2	Yes
3	5	As a user, I want to be able to select my seat after booking my flight so I can sit next to my group.	30	8	Yes
4	14	As a user I want to be able to upgrade my flight to first class so I can enjoy a more luxurious experience.	30	2	Yes
4	6	As a user, I want to be able to use a promotional code so I can get a discount on my flight.	10	2	Yes
4	9	As a user, when paying for the flight, I want to be able to select from different payment methods so that I can use the most convenient payment option.	40	2	No
4	15	As a user, I want to get a payment confirmation so that I can be reassured that my booking went through.	60	3	Yes
4	7	As a user, I want to be able to cancel my flight so I can get a refund.	10	5	No
4	16	As a user I want a thank you page so that I can feel appreciated as a customer.	10	1	No

Team's project work

- Teamwork and communication was good.
- Weekly meetings every monday after class
 - Had mostly fully staffed meetings
 - Discussed the upcoming assignment and who would present
- Had a group chat on messenger
- Great energy overall, teamwork makes the dream work

Takk fyrir okkur