

MUNI  
FI

# Airport Manager

## Team Purple

Jozef Vanický

Simon Kobyda

Petr Hendrych

Michal Zelenák

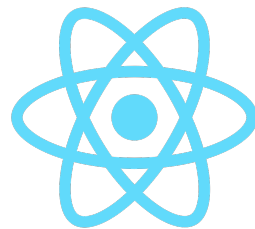


# About

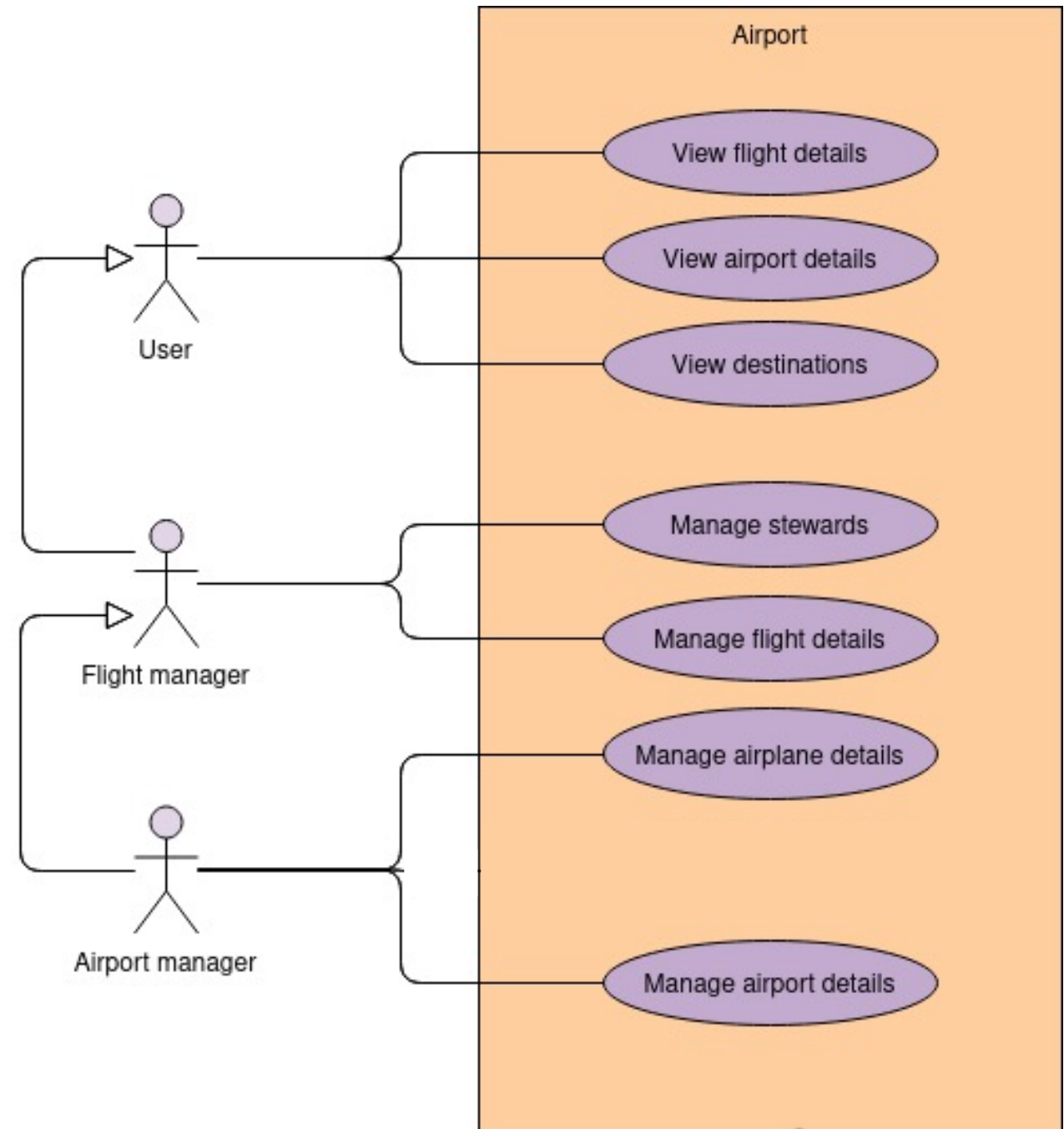
- Information system managing flight records at an airport.
- The system allows the users to enter, update and delete records about stewards, airplanes and flights.
- The systems checks that there will not be created flight with plane/steward belonging to existing flights sheduled at same time.
- It is possible to manage stewards on a flight.
- The ultimate goal is to have a system capable of listing flights ordered by date and displaying the flight details.

# Technologies used

- Git version control system
- GitLab as web platform for our repository with CI setup to run tests
- Spring boot – version 2.4.4
  - H2
  - Dozer
- React – version 17.0.2
  - Material UI for frontend components



## Use case diagram



# Team competences

- Jozef Vanický (Lead)
  - Management and organizing of project.
- Petr Hendrych (Backend sub-lead)
  - Technical insight into backend. Saying how will be individual parts in BE implemented.
- Simon Kobyda (Frontend sub-lead)
  - Technical insight into frontend. Saying how will be individual parts in FE implemented.
- Michal Zelenák (QA)
  - Checking quality of implemented features.

# Team cooperation

- Used gitflow branching model.
- Members got assigned detailed issues to work on.
- Every new feature & fix had to be reviewed by at least 2 members during merge request.
- Rate of activity of individual members varied from milestone to milestone.

# Worth mentioning

- Above average project management
- Advanced configuration of project GitLab repository
- Extensive cooperation and teamwork on GitLab
- Using CI to check build and tests during merge requests
- Nicely done and user friendly UI design
- Plenty of internally used search methods

# Our view on this course

- We will use knowledge from this course in our work
- Better knowledge of multi-layer architecture
- Well structured seminars with helpful tutor