Ceangal Messenger

Your own way of communication

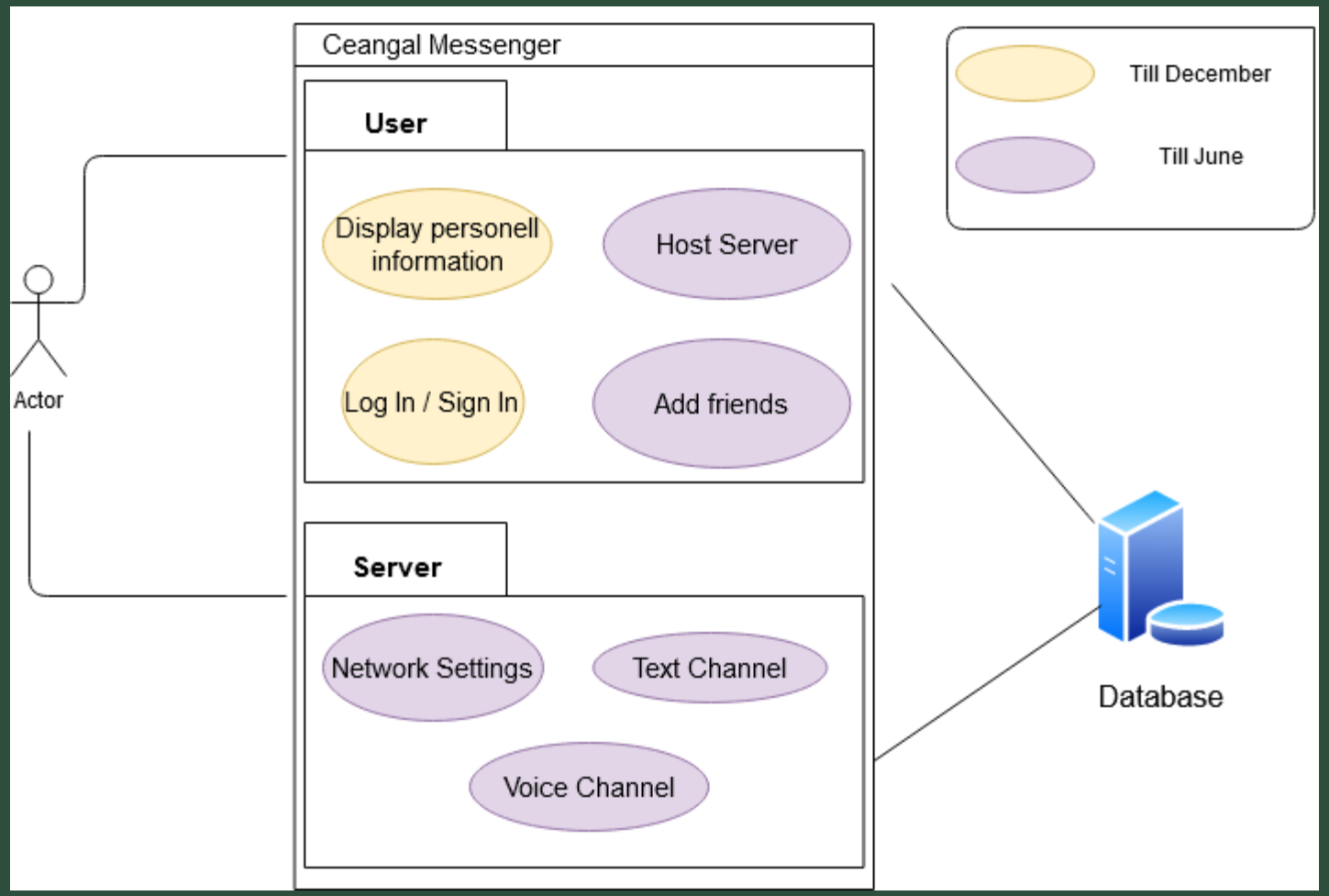
The Idea

- Text and Voice Messenger
- Self deployable Server
- Choose which server you use for chatting
- Create and edit your profile

Planning process

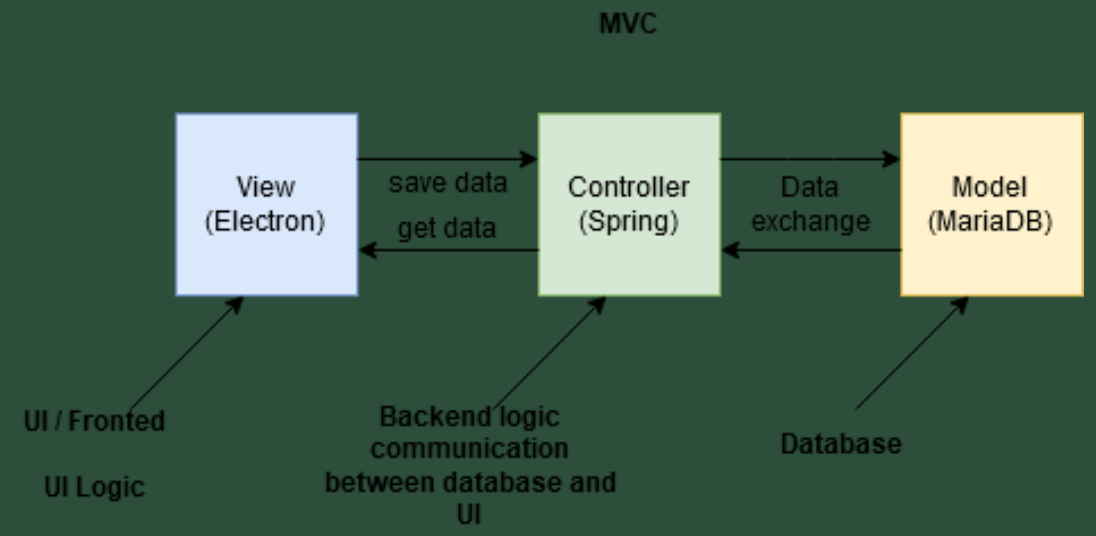
- Phase 1
  - Lot of ideas for features we can add
  - Realizing it‘s not possible to implement all of them
  - Agree to decide later which are going to be left out

Use Case Diagram



Technologies

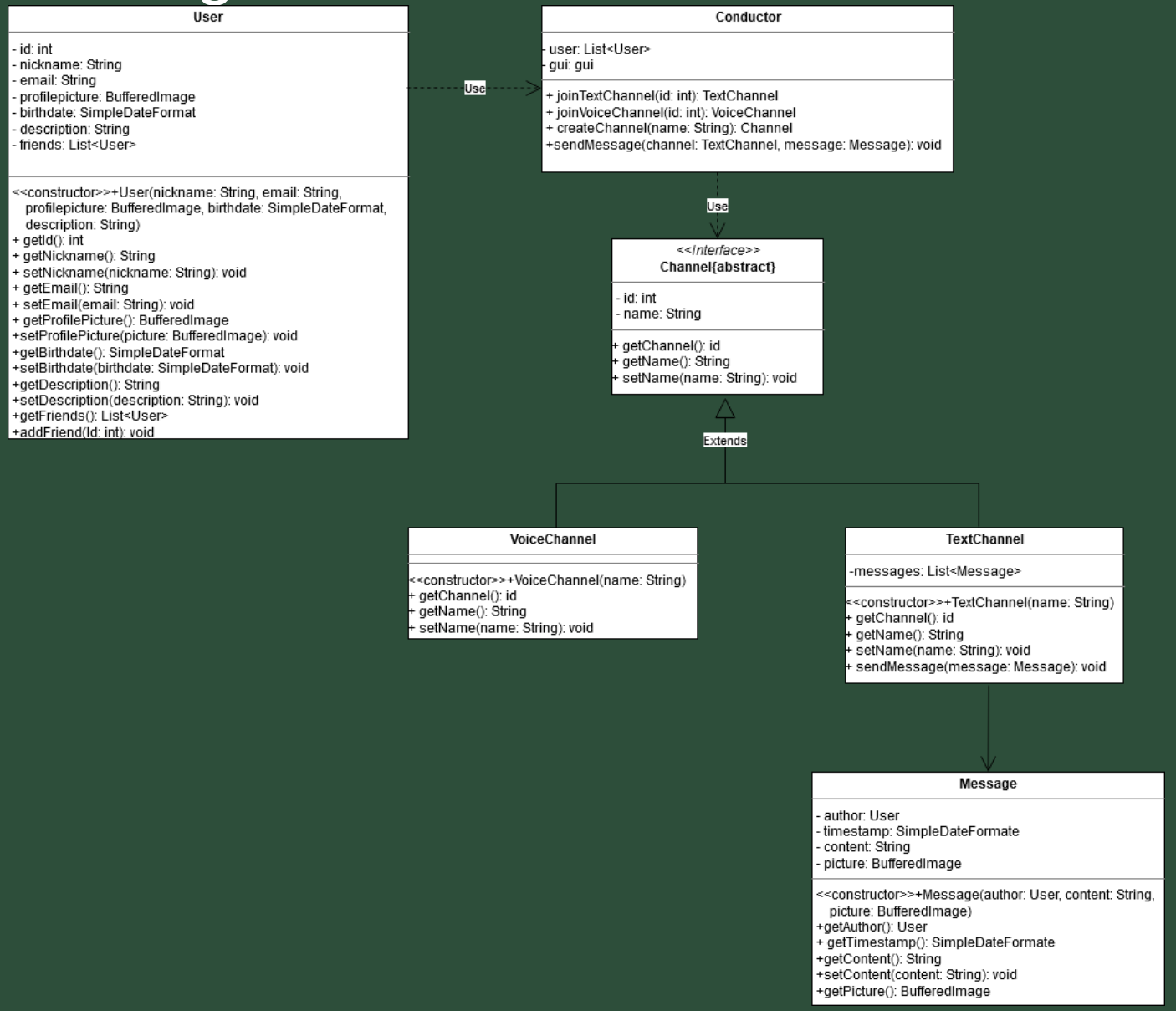
- Kotlin
- MariaDB
- Spring
- Electron



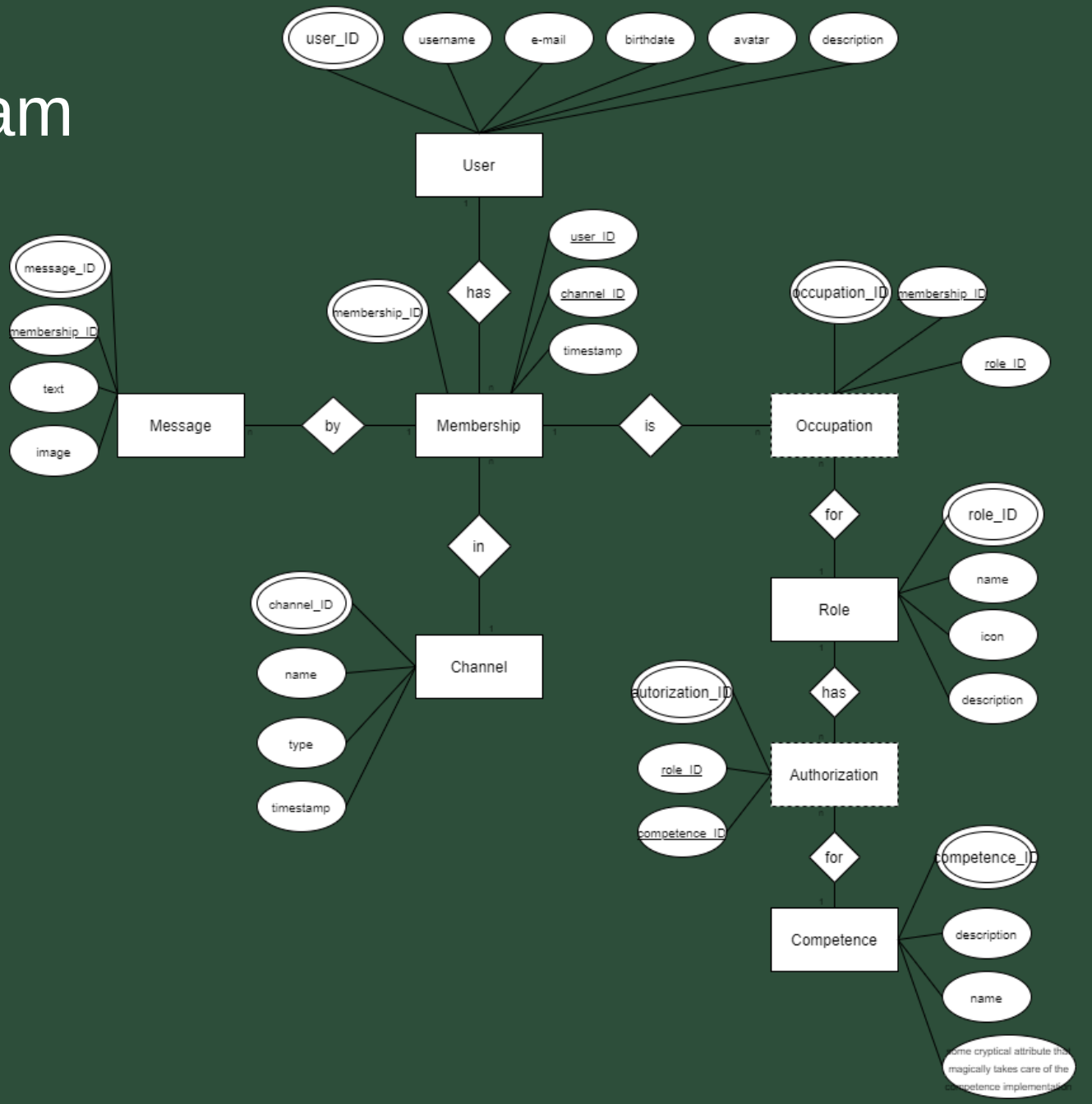
Planning process

- Phase 2
  - Plans are more focused on the core functions
  - Developing different possibilities to implement the server structure
  - Realizing, that the server structure has a big influence on what features you can implement

Class and ER Diagram



Class and ER-Diagram



Planning process

- Phase 3
  - Exams are getting closer
  - Preparing for mid term
  - Defining Things that have to be decided

Things we have to decide

- Server Structure
  - Centralised or decentraliced
    - One central server that does everything
    - One Central User Management server and private hosted chat-server
- Global Accounts or server bound Accounts
  - Social Media aspects need global accounts
  - Decentralized data storage is better
  - Centralized data storage is easier
- Public or Private
  - Is the Messenger just for us, or should others be able to use it too

Things about to come

- Meeting at begin of 2021
- Deciding undecided points
- Doing some kind of Hackathon to implement the basic structure