

# nEXam - midterm presentation

Simon Reichle, Corvin Klein, Franziska Ommer

A dark blue diagonal gradient bar that starts from the bottom left and extends towards the top right, covering the lower half of the slide.

# Midterm Presentations

- 20 min
- Hand-in: final hand-in of all artifacts constructed during the semester.
- Understand the business need
  - vision, use cases 5, SRS
- Project Methodology
  - project Management, MSProject, Sprint, Iterative Process and why
- Technical ability
  - Demo of 2-3 UC (cannot be a movie!!!)
  - 2-3 UC implemented minimum (login doesn't count, CRUD=1)
- Quality
  - Architecture, MVC or equivalent tool
  - configuration management:
    - Version control (GIT), IDE and integration with Sprints (JIRA)
  - automated Testing (Functional – “Cucumber” or equivalent) – 2 Use Cases (UI testing can be a movie)

# Content

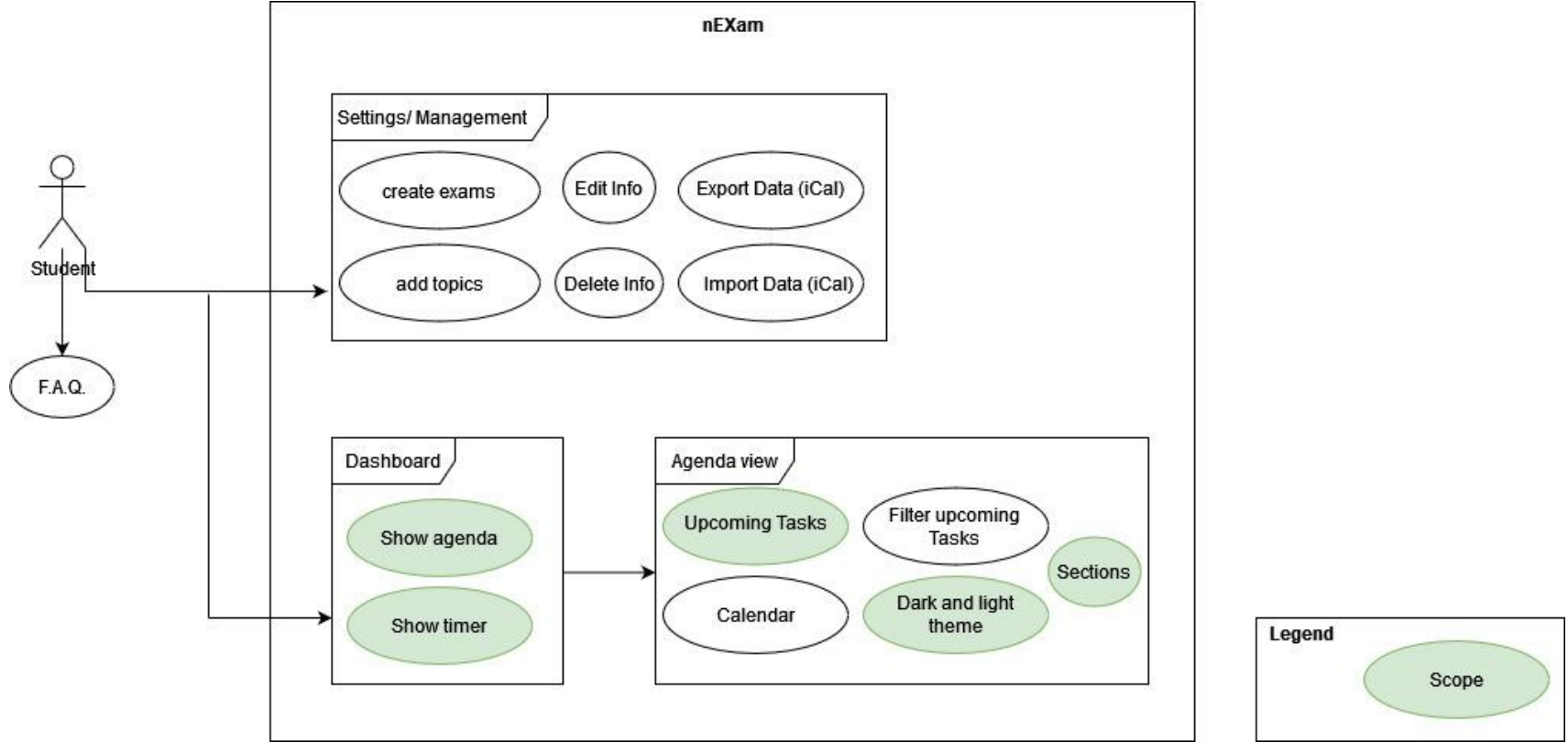
1. Vision
2. Use Cases
3. Project  
Management
4. Technologies
5. Architecture
6. Live Demo

# Vision

## learning App

- helps to plan
- reduces stress
- shows your time spend learning
- export as iCal

# Use cases



# SRS

<https://github.com/Calco2001/nEXam/blob/main/docs/SRS.md>



# Project Management

- GitHub integration
- working in sprints (one week, weeklies)
- time tracking
- easy access to all the information
- good overview over tasks



# Techstack

- Kotlin
- Gradle
- Android Native



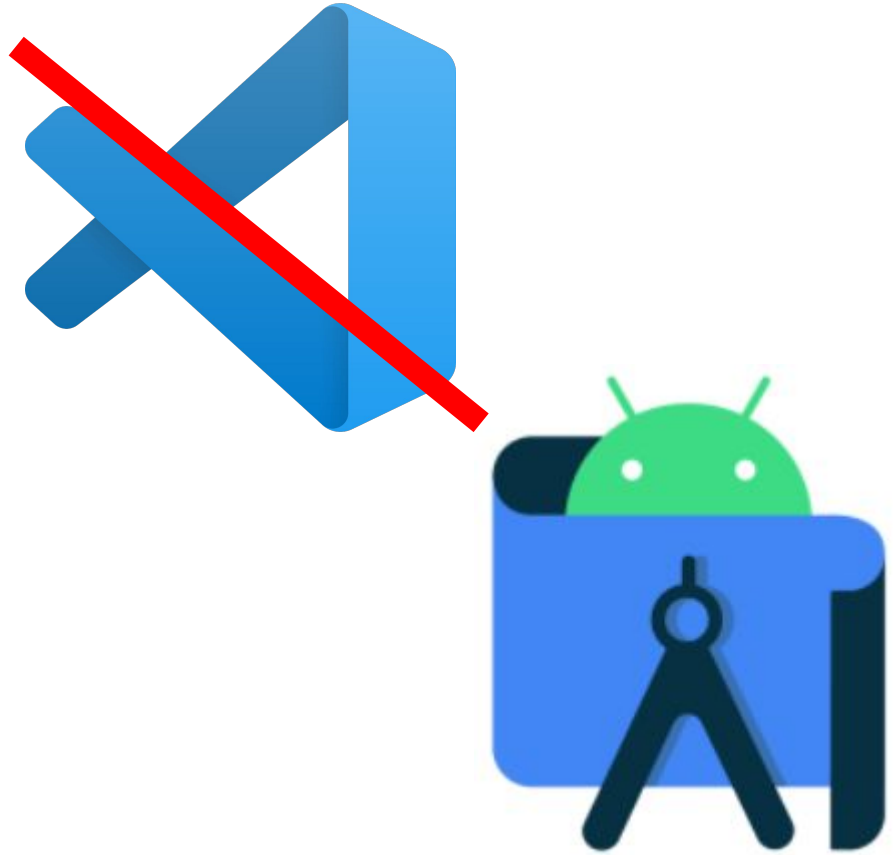


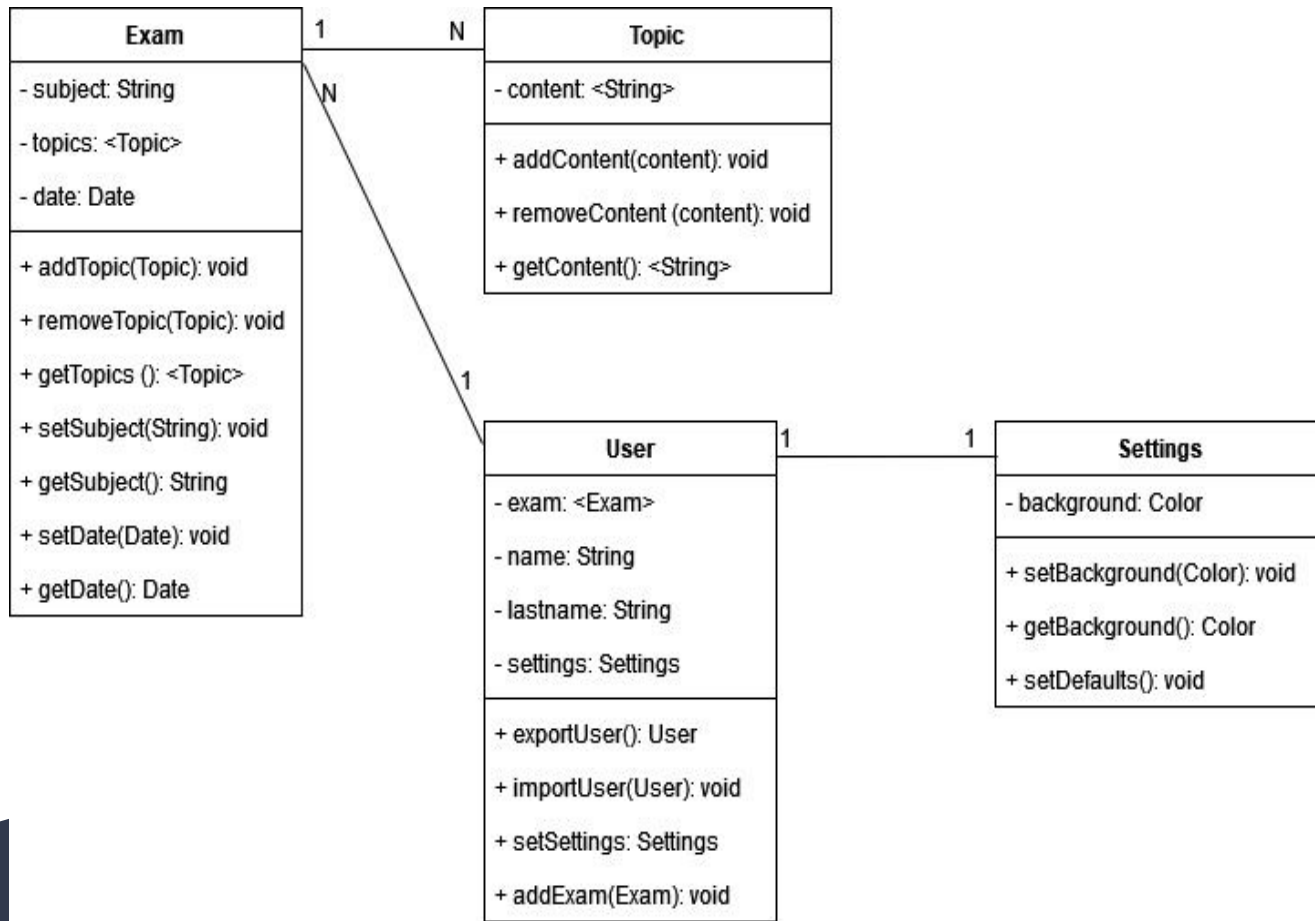
# GitHub

- integration with youTrack
- folders for documentation and application
- main branch isn't editable
  - decrease risk to damage application



Visual Studio/  
Android Studio

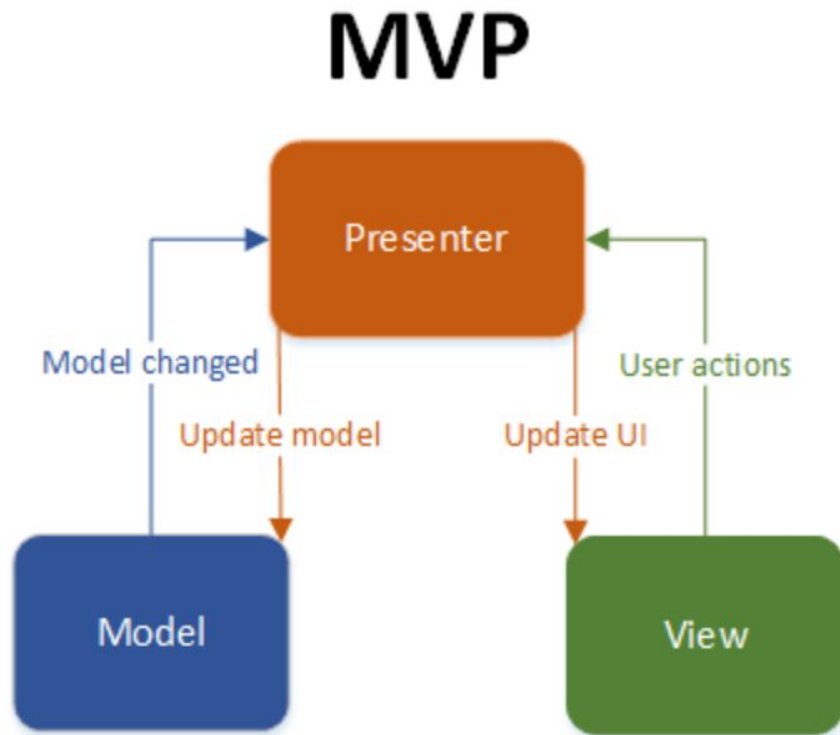




# Class Diagram

# Architecture

## Native Android Framework



# Demo + feature files

