Digital Twin of a Smart Room
Release 1
Team 2

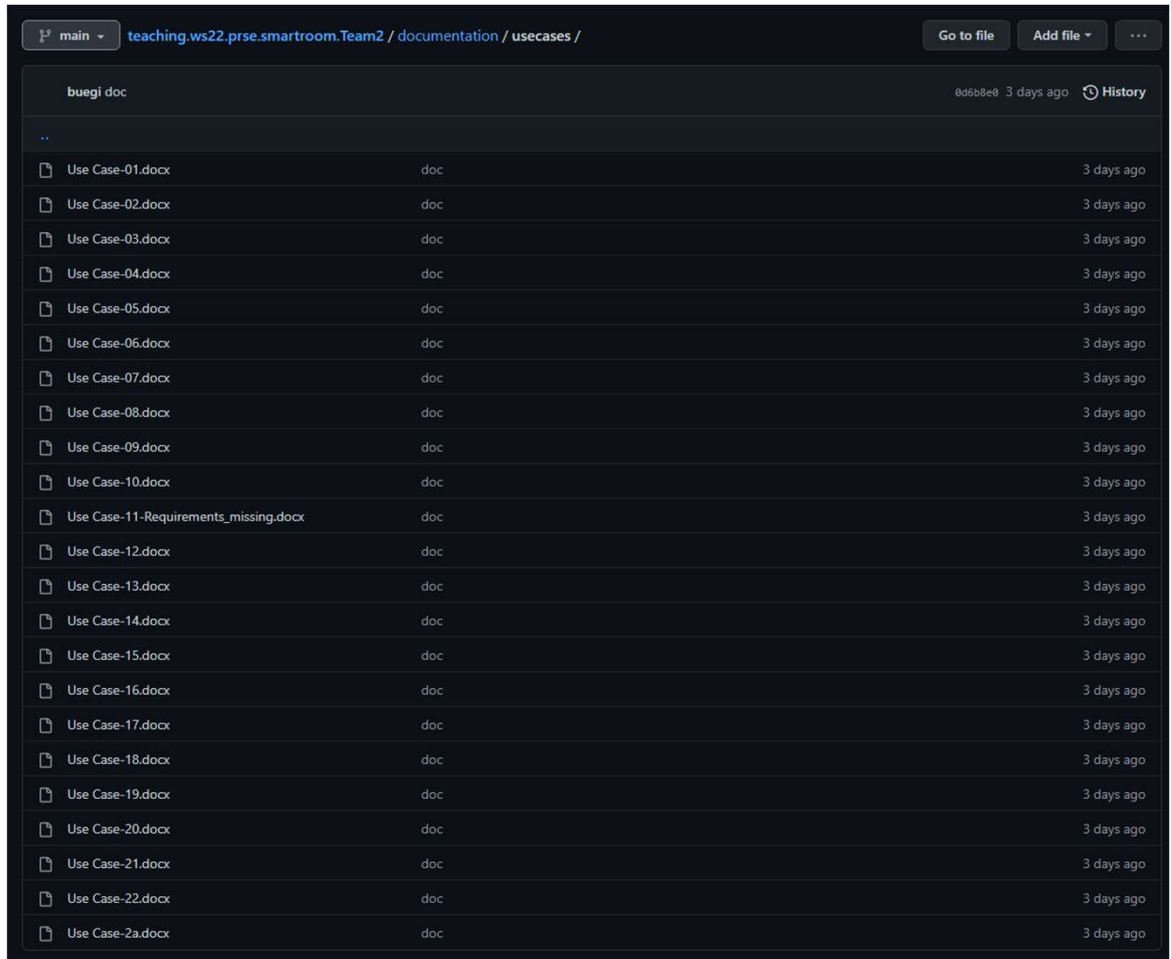Nuray Seker, Abir Sikder, Stefan Pilgerstorfer

Praktikum Software Engineering – WS2022/23

Presentation Release 1 - Agenda

- Use Case Description
- UI Prototype
- UML Class Diagram
- Current Status
- Planning for Release 2

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Use Case Description
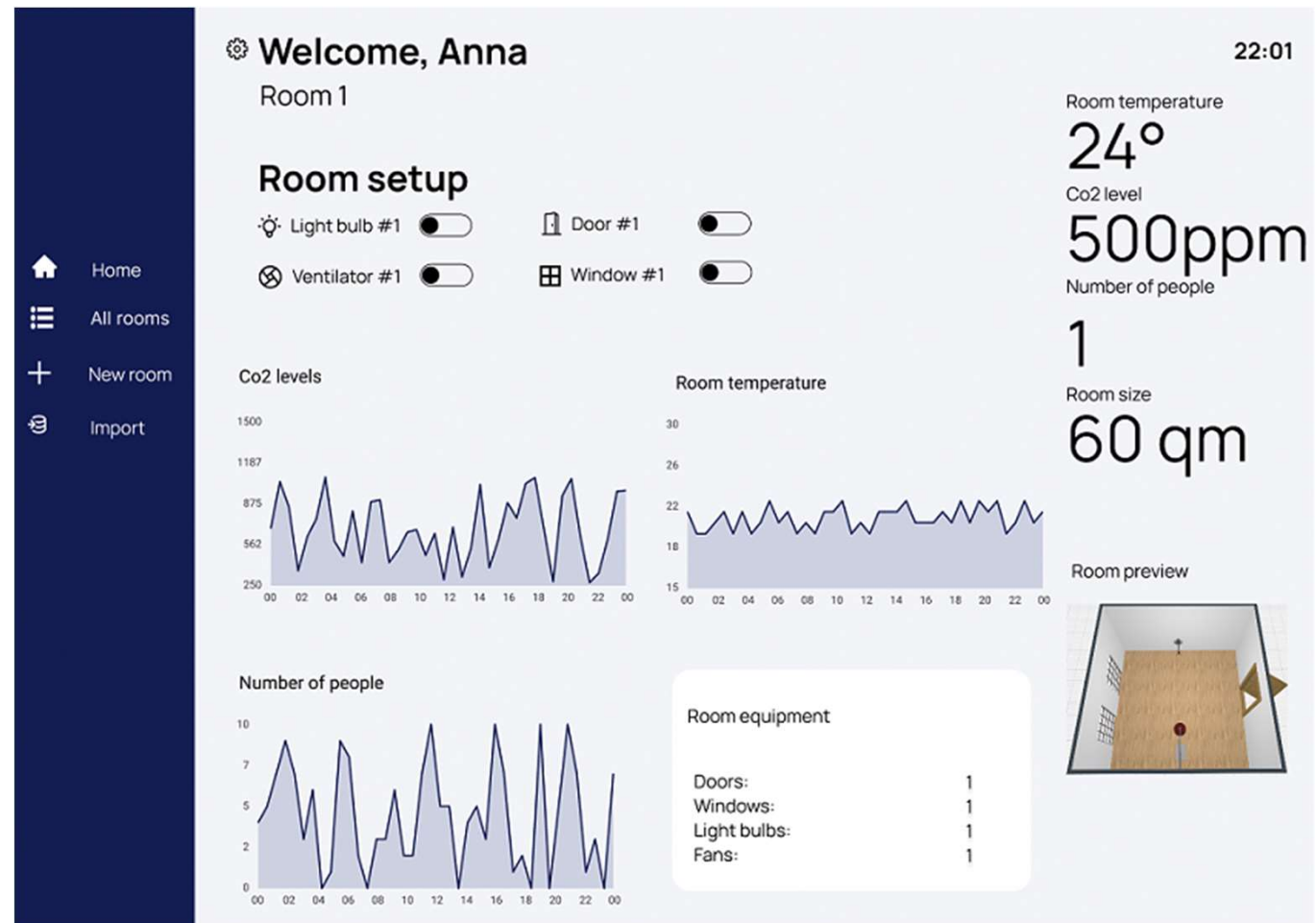
■ *Overview*
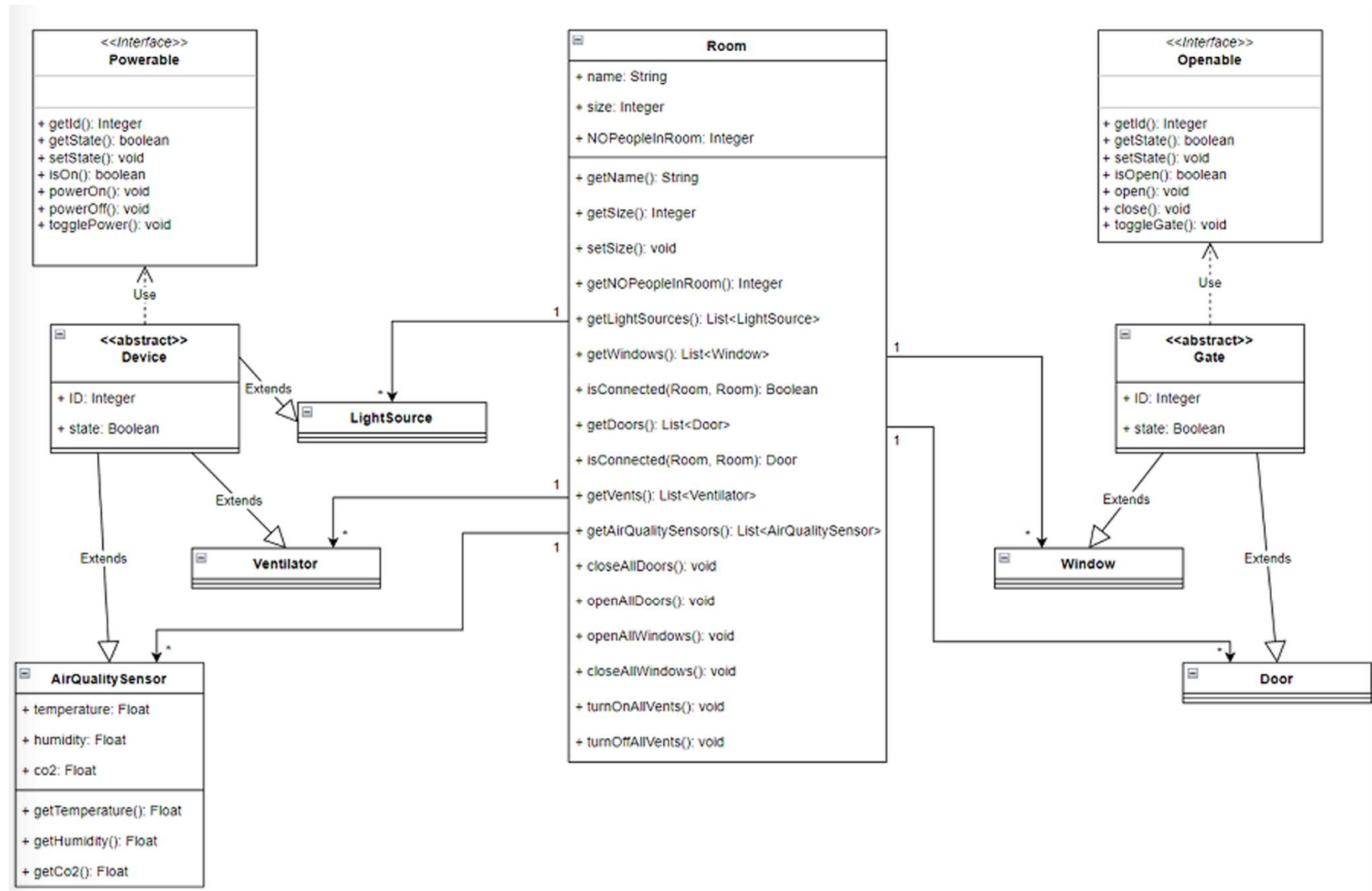
■ *Sample*
[*Use Case 21*](#)

UI Prototype

■ *Tool: Figma*

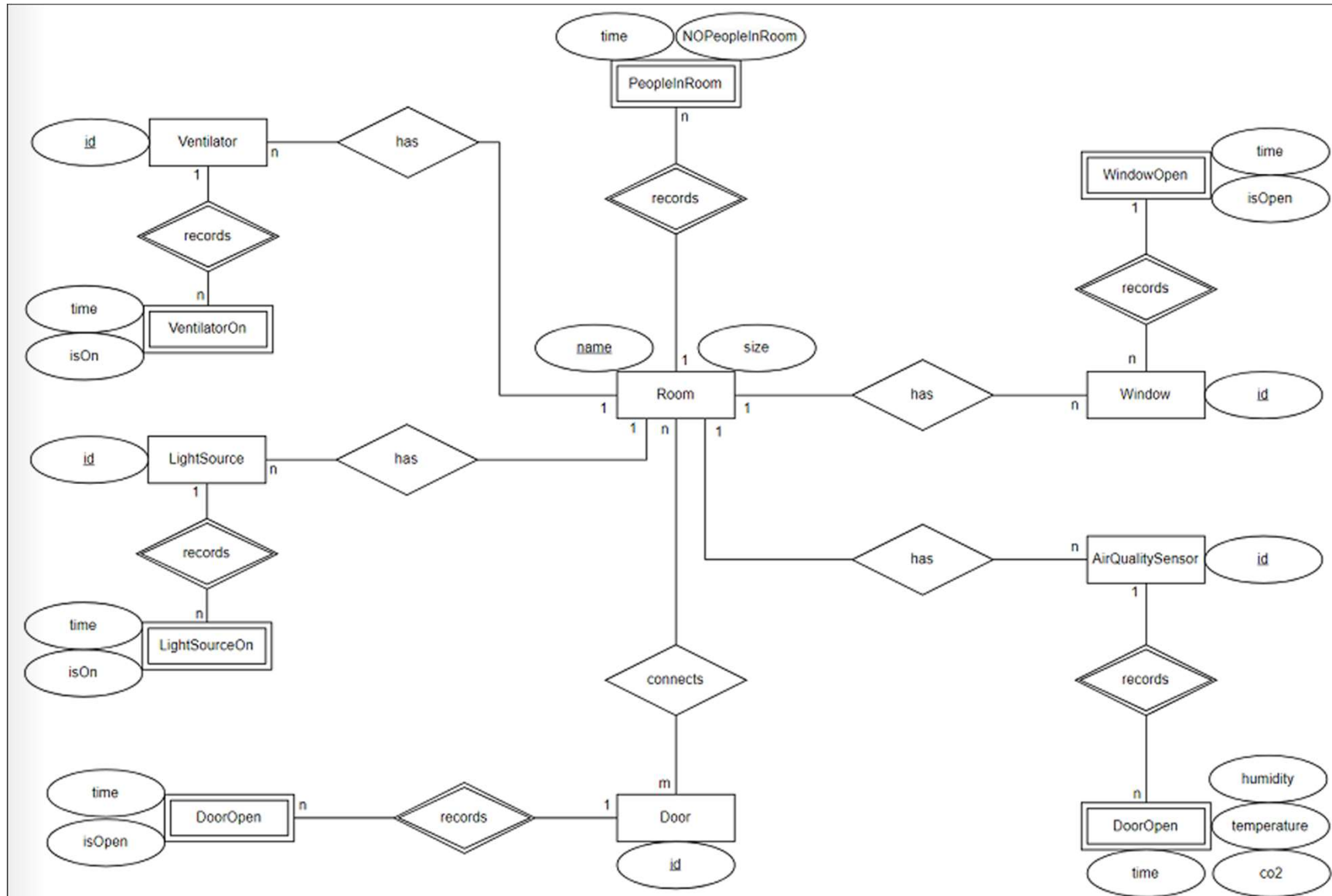■ UI Prototype

Class Diagram (UML, DrawIO)

ER Diagram (DrawIO)

What was done, how was the distribution of the tasks?

- Configure github (all)
- Configure zenhub (all)
- Configure circleCI (all)
- Concept (Nuray, Abir)
- UseCases (all)
- Prepare SampleData (LightSource, AirQuality) (Stefan)
- UI Protype (Nuray)
- UML Diagram (Stefan, Abir)
- ER Diagram (Stefan, Abir)

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Which tasks were created?

■ [Zenhub](#)

Did the team make a good estimation of the effort?

■ UI Prototype more effort than expected
(mostly performed by Nuray)

Team activities						
TEAM MEMBER ⇅	LATEST ACTIVITY ⇅			TOTAL TRACKED (THIS YEAR) ⇅		
Abir Sikder	1. LVA ● PR SE	01:00:00	in 2 hours	18:09:58		
N5 Nurayseker 54	Präsentation - Sprint 1 ● PR SE	02:20:00	2 hours ago	25:42:38		
SP Stefan Pilgerstorfer	präsentation ● PR SE	02:18:29	2 hours ago	19:13:54		

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Problems & Lessons Learned

- *CircleCI*

- *Zenhub*

- *Recognizing all requirements and devices (Slides, Requirements document, …)*

- *Basic knowledge about required tools*
- *Estimation problems will stay*

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Next Steps + Planning Release 2

- *Prototype*
    - *Implementing database*
    - *Filling dummy data (database connection)*
    - *SceneBuilder UI*
    - *Some basic features working*
        - *Import csv data*
        - *CRUD on basic classes*
- *Unit tests for implemented features*
- *Zenhub*