

# Semester Project 3 Q&A Session 4 Exam + Report Info

# **Semester project: Distributed Software Systems with Embedded Elements**

**Krzysztof Sierszecki**  
Project Coordinator

# General Seminar: 4<sup>th</sup> December, U101, 8:00-12:00

Project Development (Weeks 43-50)				
43	3 <sup>rd</sup> Semester	TEK EXPO: deadline registration for selected projects	25-10-24	Semester coordinator
43-	Project group	Weekly sprints		Groups, supervisors
44	3 <sup>rd</sup> Semester	Midterm Evaluation	30-10-24	Semester coordinator, group representatives
49	3 <sup>rd</sup> Semester	General seminar: presentation of project statuses, exam info	04-12-24	Groups, supervisors, semester coordinator
-50	Project group	Weekly development sprints		Groups, supervisors

→ Each group presents their project status and results

→ Duration: 10 minutes

→ Content: few slides including overall design and architecture + application demonstration

→ The presentation schedule is available

# Exam Info

- The examination is based on an overall assessment of:
  - A short group presentation of the project
  - An individual examination of each group member based on a project report
- The exam starts with a 10-minute group presentation, followed by individual oral exams lasting 15 minutes per students
- Remember Student Identification Card – Date of birth

Completion & Submission (Weeks 51-01)				
51	Project group	Report completion	18-12-24	Groups, supervisors
51	Project group	TEX EXPO: public presentation of semester projects	19-12-24 11 - 14	Groups, semester coordinator
01	Project group	Code submission to Digital Exam	02-01-25	Groups
01	Project group	Report submission to Digital Exam	02-01-25	Groups
Examination (Week 04)				
04	Project group	Group presentation + individual examination	27-28-29 -01-25	Groups, supervisors

Exam information

Exam information

Name

Semesterproject: Distributed Software Systems with Embedded Elements

Code

T630011402

Administrative unit

TMMMI Mærsk McKinney Møller Institut

Period

Winter examination 2024-25 - Ordinary

Assessment

7-point grading scale

Form of co-examination

External examination

Exam form

Kombineret prøve

Exam submission conditions

Forced exam group

Examtype

Exam without invigilation

Exam start

12.11.2024 12:00

Exam end

02.01.2025 23:59

Assessment start

03.01.2025 02:59

Assessment end

29.01.2025 20:00

ECTS

10.00

✖

The **hand in** takes place no later than 2 January.

The **oral examination** takes place from 27 - 29 January 2025 on the campus in Sønderborg, room U204

Be on campus and ready at least 30 minutes before your set time.

**Information:**

You will get a printable receipt in the browser window, when you have pressed "Submit". The receipt is sent to your student mail as well, to confirm the hand in of your assignment. You must check this mail receipt to make sure your documents are submitted correctly.

If you hand in blank, click the blank-button.

In case of technical problems during the hand in, contact SDU IT via phone **+45 6550 2999**.

You are examiner on this exam

**Examiners**

Gaurav Choudhary

Krzysztof Sierszecki

Jukka Ruohonen

Devender Kumar

**Co-examiners**

Frank Bodholdt Jakobsen

Preben Nyeng

# Final Report

You must deliver a final PDF (max. 40 pages) including the following contents:

- Cover page
- Table of contents (with page numbers)
- Introduction
- Methodology
- Problem analysis
- Requirements
- Design
- Implementation
- Validation
- Conclusion

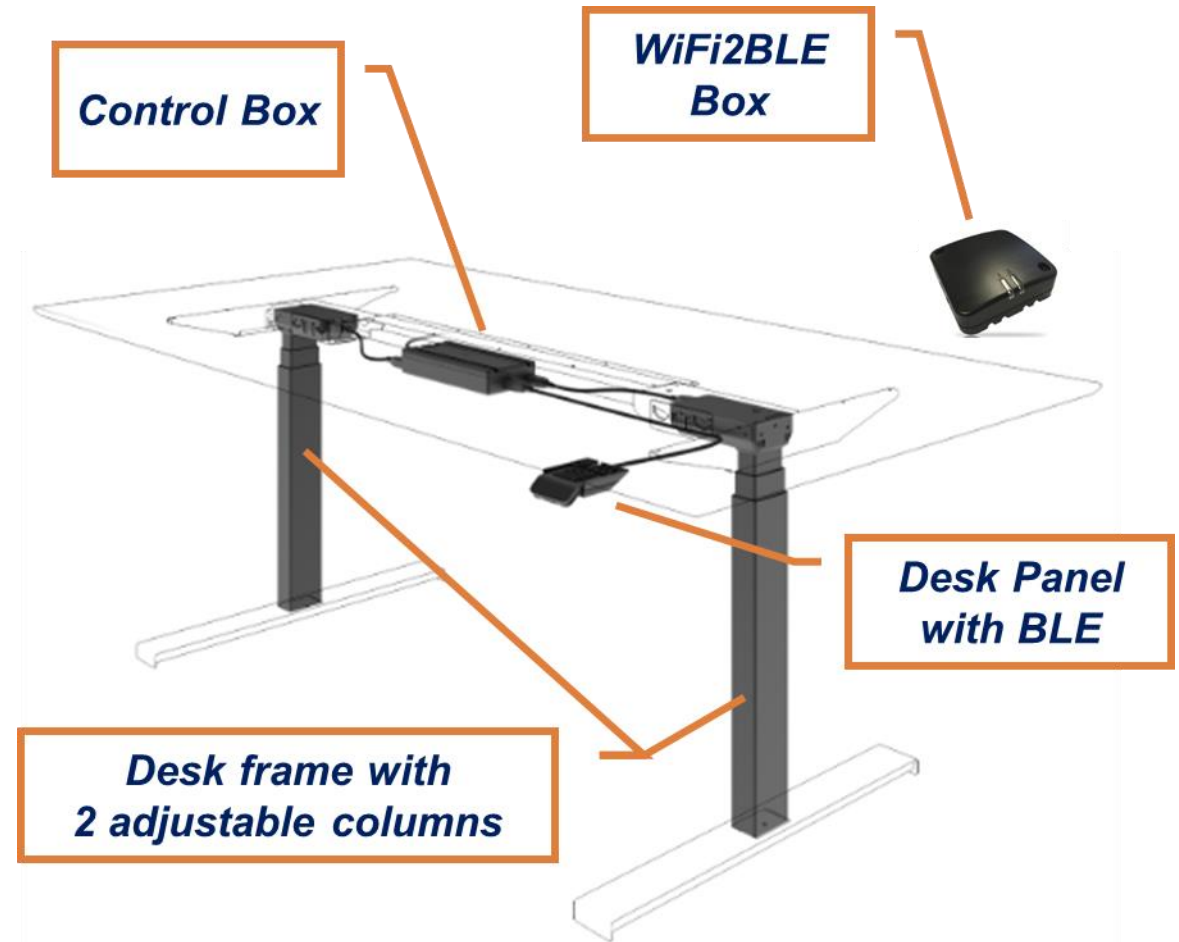
Excluding:

- Appendices



# Python WiFi2BLE Simulator


- Simulation of the **WiFi2BLE Box** Web API
- To speed up project development and testing
- Get independent of the hardware and NDAs
- Mitigate the Project Coordinator temporary “disabilities”
- Requirements: Python 3
- Includes all features
  - Needs testing





# WiFi2BLE Simulator Git Repository



W


WiFi2BLE Box Simulator 


 main 


wifi2ble-box-simulator











History

Find file

Code 

 **Introduce Desk-O-Matic**  
Krzysztof Sierszecki authored 1 hour ago

c31f5d4e 

Name	Last commit	Last update
 .vscode	Control logging level by command argu...	1 hour ago
 config	Initial commit	5 days ago
 data	Introduce Desk-O-Matic	1 hour ago
 docs	Introduce Desk-O-Matic	1 hour ago
 simulator	Introduce Desk-O-Matic	1 hour ago
 tests	Initial commit	5 days ago
 .gitattributes	Add gitattributes	4 days ago
 .gitignore	Initial commit	5 days ago
 LICENSE	Initial commit	5 days ago
 README.md	Introduce Desk-O-Matic	1 hour ago

<https://source.coderefinery.org/sdm-edu/wifi2ble-box-simulator>

Thank you 🤗