**Transcript of the first thesis seminar**

Topic: Modular Smart Home System

Candidates: Fabian Schätzschock, Richard Krammer

Year: 5BHELS

Supervisor: RZEPA

Location: HTL St. Pölten W120

Date: 29.01.2025

Time: 16:40

Tasks:

# Fabian Schätzschock

## State

|  |  |
| --- | --- |
| Task | Done |
| Communication between Raspberry Pi and ESP32 | OK |
| Interface between Webserver and Database | SCRAPED |

## To be done

|  |  |
| --- | --- |
| Task | Done at |
| Completing Bridge Communication | 12.02.2025 |
| Implementing Node Source Code | 19.02.2025 |
| WebUI Prototype | 26.02.2025 |

# Richard Krammer

## State

|  |  |
| --- | --- |
| Task | Done |
| Node V1 Schematic and PCB | OK |
| Battery V1 Schematic and PCB | OK |
| Node V2 Schematic and PCB | OK |

## To be done

|  |  |
| --- | --- |
| Task | Done at |
| Switch V1 Schematic | 6.11.24 |
| Switch V1 PCB | 6.11.24 |

Next Seminar: October.

For the protocol: Fabian Schätzschock