ET.PM3 Timeline HS2023

| **Week** | **Date** | **Activities** | **Documents** | **Milestones** |
| --- | --- | --- | --- | --- |
| 1 | 22.9.23 | Familiarise with subject matter  Organise the teams | Cable\_Monitor, Checklist\_Marks  Sensor\_Signals | Decide on features |
| 2 | 29.9.23 | Design SensorBoard amplifier and filter  Draw schematic and start PCB layout | SensorBoard  PCB\_Manufacturing |  |
| 3 | 06.10.23 | \*Project\_Management  Work on PCB layout  Verify circuit with LTspice simulation |  | SensorBoard circuit ok |
| 4 | 13.10.23 | Finish PCB layout |  | **Hand in PCB layout: 16.10.23** |
| 5 | 20.10.23 | \*Writing a report  Start HW\_Report | Coaching for Report Writing  HW\_Report |  |
| 6 | 27.10.23 | \*Coaching for report writing  Work on HW\_Report,  Solder SensorBoard |  |  |
| 7 | 03.11.23 | Test SensorBoard  Work on HW\_Report | HW\_Testing | Demonstration of SensorBoard |
| 8 | 10.11.23 | Finish HW\_Report  Study the demo\_code | Microcontroller\_STM32F429  Microcontroller\_DemoCode | **Hand in HW report: 13.11.23** |
| 9 | 17.11.23 | Start FW coding, documenting, and testing |  |  |
| 10 | 24.11.23 | Work on FW | FW\_Documentation |  |
| 11 | 01.12.23 | Test FW | FW\_Testing |  |
| 12 | 08.12.23 | \*Presentation and Demonstration  Finish FW | Writing\_Presenting | Demonstration of FW |
| 13 | 15.12.23 | \*Coaching for presentation  Prepare presentation and demonstration  Test HW and FW combined  Finish FW documentation |  |  |
| 14 | 22.12.23 | Finish any open task |  | **Hand in FW documentation: 27.12.23** |
| 15/16 | ? |  |  | Presentation and demonstration of prototype |

\* Project management, language and presentation skills by ILC lecturer