

## **ZEIT2209 Principles of Electrical Engineering**

### **Project Planning Report**

Due Date: 13th of August

The document prepared and submitted by the whole team should contain a System Requirements Specification (SRS) for the overall system and a project schedule.

#### System Requirements Specification

The System Requirements Specification (SRS) is a solution-independent specification that details what the project team needs from the overall system as a whole. The SRS should answer the following fundamental questions:

- What is the level of functionality and performance required from the system in order to achieve the goals and objectives stated in the Project Brief?
- What constraints (if any) are being placed on the subsequent design and development of the system?
- What are the interfaces between the system and external systems and environment?
- How will these requirements be verified?

The SRS should be prepared using the supplied template document.

#### Project Schedule

The project schedule should be in the form of a Gantt chart or a similar graphical format.

The schedule should be developed with staged outcomes and incorporate testing of key functional components. The risks of particular activities should be identified and alternative solutions or strategies should be incorporated to mitigate these risks. The project schedule should also include strategies to establish whether the project is on track.