

Group 6 Project plan

Names

- Lukas Schou – s214417
- Christian Cederhorn – s214413
- Andreas Nielsen – s203833
- Alexander Nordentoft – s176361
- And maybe more...

Project title: Security system

Project idea description

We want to create an access control system with many different ways of accessing. Some of the ways of accessing may include A RFID system and remote access through WIFI. A buzzer, a LCD display and LEDs are some of the ways we want to show if their has been granted access.

- Arduino uno or esp8266
- Rc522 module
- Key and card chips
- Membrane switch module
- Active buzzer
- Uplink and downlink server
- Servo motor
- LCD 1602 with IIC module
- LEDs

Preliminary distribution of tasks

To be determined when group is fully formed (more people may be added to the group)

Preliminary timeplan

When	What
08/01/24	Group forming. Find a project and which sensors and hardware is needed
09/01/24	Group totally formed. Distribution of tasks. Start on the tasks.

12/01/24	Try to collect all the code in one program and see what is still to be done. Plan on who write what in the report.
15/01/24	Finish up final prototype. Report writing.
17/01/24	Poster work. User testing – evaluation Report writing
19/01/24	Project poster presentation