**2. Semestre: 7 Pilotage d'un moteur pas-à-pas** 07.03.2022  
 Christian STEFFEN & Ayman MIRI

**Project planning:**

**Materiallist:**

|  |  |  |
| --- | --- | --- |
| Arduino Uno |  | 1 |
| Stepping Motor | SM-17HS4023 | 2 |
| Driver | LM-298\_H\_Bridge | 2 |
| Power-supply | MW MB10EU  12V | 1A | 12W max. | 1 |
| USB cable | Typ A | Typ B | 1 |
| Jumper cable | Typ: Male/Male | x |
| Jumper cable | Typ: Female/Male | x |
| Button | Typ: Push-Button | 4 |
| OLED-Display | oled\_128x64\_i2c | 1 |
| Rotary Encoder | MD775029 | 1 |

**Software:**

|  |  |
| --- | --- |
| Arduino | V: 1.8.13 |

**Planning:**

|  |  |
| --- | --- |
| 28.02.2022 | Preparation of materiallist |
| 07.03.2022 | Discussion over the material |
| 14.03.2022 | Clarify usage of the materials |
| 21.03.2022 | Plan the circuit & writing program |
| 28.03.2022 | Plan the circuit & writing program |
| 25.04.2022 | Testing the circuit |
| 02.05.2022 | Writing report |
| 16.05.2022 | Insert the circuit in the construction |
| 30.05.2022 | Preparation of the report |
| 13.06.2022 | Discuss the report |
| 20.06.2022 | Discussion over the project & report |
| 27.06.2022 | Presentation |