**Deadline: Montag 18.04**

ToDo: Email an Lenz (X)

1. Introduction, Objectives N(2)
2. Conceptional Design (eagle) N(1)
3. Hardware
   1. Current supply A (1)
   2. Communication (USB API, WIFI) W(1)
   3. Sensing (IR & acceleration?) N (1)
   4. Motor (H-bridge, Encoder) X(1)
   5. ESP32 A(0.5)
4. Software
   1. RTOS (timer, task scheduling etc., class diagram) N (1)
   2. Filtering A(2)
   3. Maze solving (pathfinding) W(1)
   4. Kinematics (Curves, motion profile) X(2)
   5. Controlling (Lane & Motor)
      1. Motor controller N(1)
      2. lane control X(1)
      3. auto tuner X(1)
   6. Dashboard + communication W(2)
5. Results and Discussion
   1. results (1)
   2. further improvements (1)

Pages: W:5, A:3.5, X:5, N:6 total: 19.5