

# Documentation

## Milestones

| Environment                           | Controller                                     | Soft deadline | Hard deadline | Done |
|---------------------------------------|--|---------------|---------------|------|
| Position<br>TrainSpeed<br>TrainActive | Simple Path finding A->B                       | 03.05.        | 10.05.        | yes  |
| Extended Features                     | Path finding multiple trains<br>Not same track | 01.06.        | 14.06.        | yes  |
| Improvement                           | Collision avoidance                            | 20.06.        | 06.07.        | no   |
| External API                          |  | 10.07.        | 14.07.        | no   |
| GUI                                   | Train scheduling                               | 14.07.        | 20.07.        | no   |
| User Interface                        |  | 23.07.        | 26.07.        | no   |
| Project Finished                      |  |               | 26.07.        | no   |

## Code Conventions

Variables: [type]CamelCase

States: CamelCase

Constants: UPPER\_SNAKE\_CASE

Spacing: Two spaces

Brackets: Same line as function

Comments: Each line start with asterix