Project Overview

Introduction to Intelligent System

2023.10.18

Timeline

Preliminary Project 1 — Ubuntu, ROS Installation

Preliminary Project 2 — Keyboard Control

10/25 ~ 11/8 · **Project 1** — Expert Data Collection

11/8 ~ 11/22 · **Project 2** — Behavior Cloning

12/4 ~ 12/8 · **CONTEST WEEK** — Racing Competition (Simulation)

12/15 · **RC Car Racing** — RC Car Racing in Real World

Teams

Team 1	손동휘	김광진	이민준	이찬형
Team 2	김재성	한지훈	Mumford Ruby Qian Yue	Tou Sharlene
Team 3	홍찬우	강우준	Ameur yazid Stephane	Acosta Martinez Maximiliano
Team 4	정홍모	이영환	김한준	정의환
Team 5	김태정	김장원	이태형	황동하
Team 6	이다은	박성제	김성하	황시온
Team 7	알프레드	박요셉	오믿음	

- # Grading criteria

Project 1, 2 (Total 2 tracks)

1. The number of waypoints you have completed
   (No relative evaluation)

Simulation Contest (Total 10 tracks)

1. Whether you completed the track (Total 10 tracks)
2. The number of waypoints you have completed
3. The time taken to run

Real RC car Racing

1. The number of waypoints you have completed
2. The time taken to run

- **Example**

Actual score for each rank

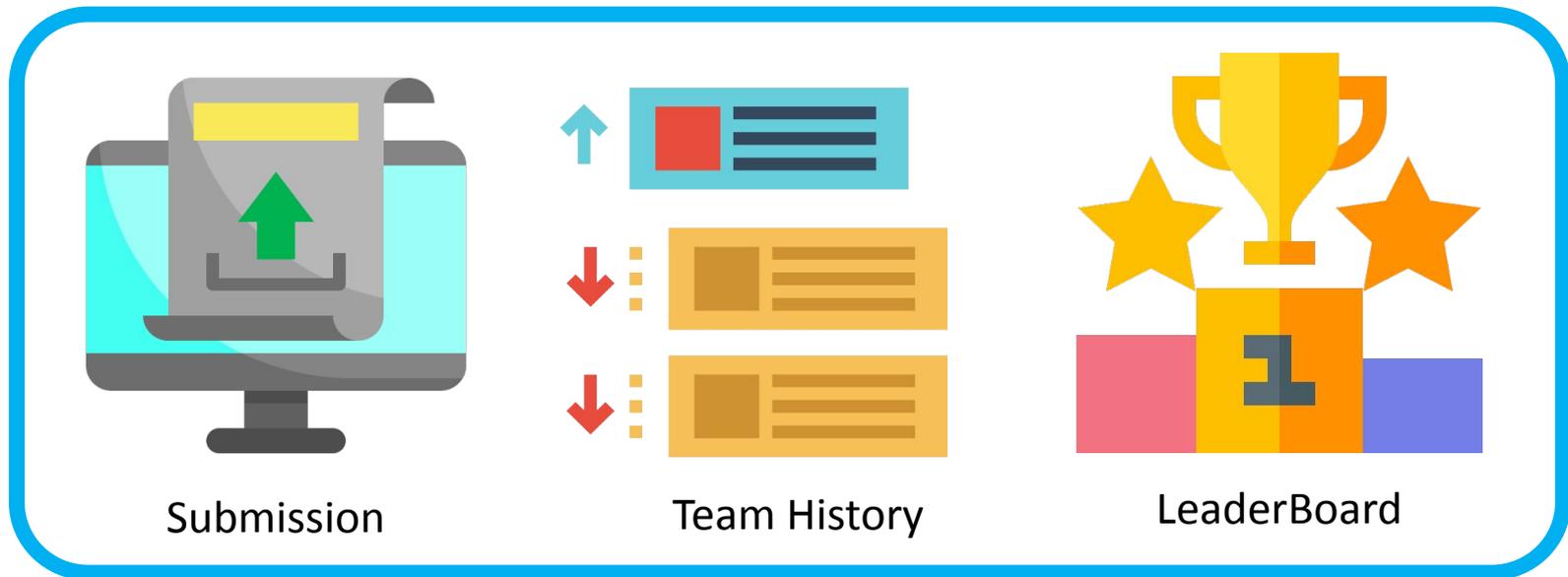|	Track 1	Track 2
Team 1	Waypoints: 10/10 Time: 20.86s	Waypoints: 11/12 Time: 30.79s
Team 2	Waypoints: 10/10 Time: 15.24s	Waypoints: 10/12 Time: 20.15s
Team 3	Waypoints: 6/10 Time: 7.10s	Waypoints: 12/12 Time: 40.63s

10
8
6
4
3
2
1

Rank	point
1	5
2	3
3	1

Track 1: Team 1 -> Team 2 -> Team 3
Track 2: Team 3-> Team 1 -> Team 2

• Submission Method

- From project 1, you will use Github for your team projects.

- Your project will be graded via web server.

| Submission | Team History | LeaderBoard |

Thank you