Reflection Report

Aina Nur Wafiy Binti Ahmad Rizal (225156)

For the CSC4702 RoboLearn group project, I contributed to Topic 1: Robot Sensors and Perception for the junior school audience, where I worked with group member, Fatin to demonstrate how robots use sensors to perceive their environment. My main role involved recording sensor demonstrations using Microsoft MakeCode, which allowed us to visually show how sensor inputs such as touch and light affect a robot's behaviour in a simple and engaging way. A key challenge was translating technical robotics concepts into age appropriate explanations while ensuring alignment with the learning objectives, such as helping students understand what sensors are and how they are used in everyday technology. Through this project, I improved my ability to communicate complex ideas clearly, gained experience using educational simulation tools for outreach, and strengthened my teamwork and planning skills while contributing to the development of an interactive online learning platform.