6 : Robotics

Development of an autonomous robot for warehouse logistics.

You will design and program a mobile robot capable of navigating and transporting objects

while avoiding obstacles. This project will include the integration of LiDAR sensors

and cameras to enhance navigation and object recognition.

A pathfinding algorithm will be implemented to optimize its movements.

A SLAM (Simultaneous Localization and Mapping) implementation will be explored to enable

more precise navigation.