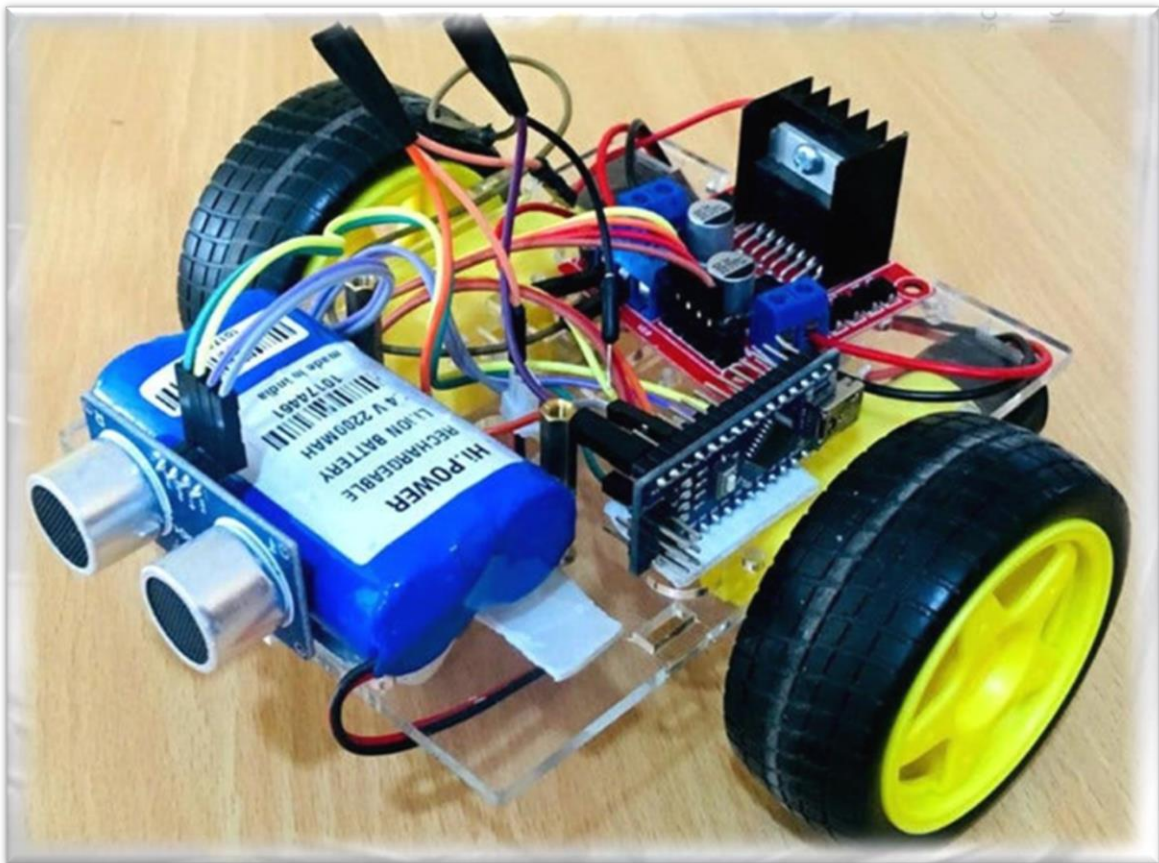# Ultrasonic Obstacle-avoiding Robot Report

By: Ibrahim Abo Elhassan
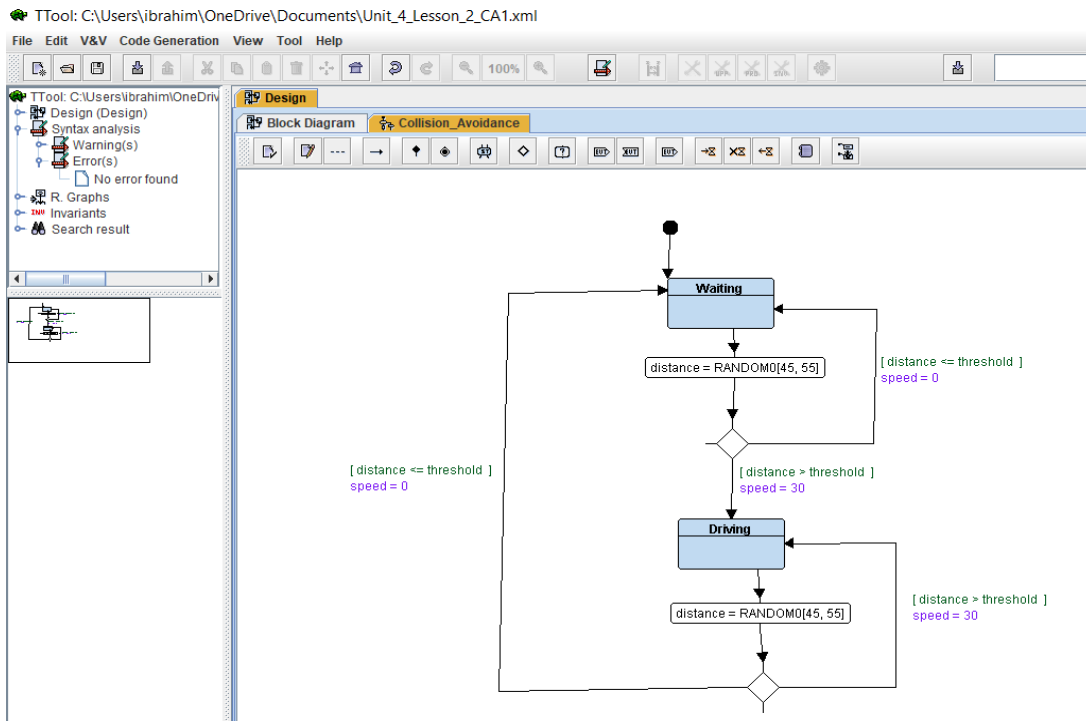
Mastering Embedded system

Description of project

✓ The purpose of the project is to make a system design and write code for Ultrasonic Obstacle-avoiding Robot report. This sensor will measure the distance between robot and Obstacle if it larger than 50 cm the robot continues in driving if not it will stop.

Single Module

1) Block diagram of system.
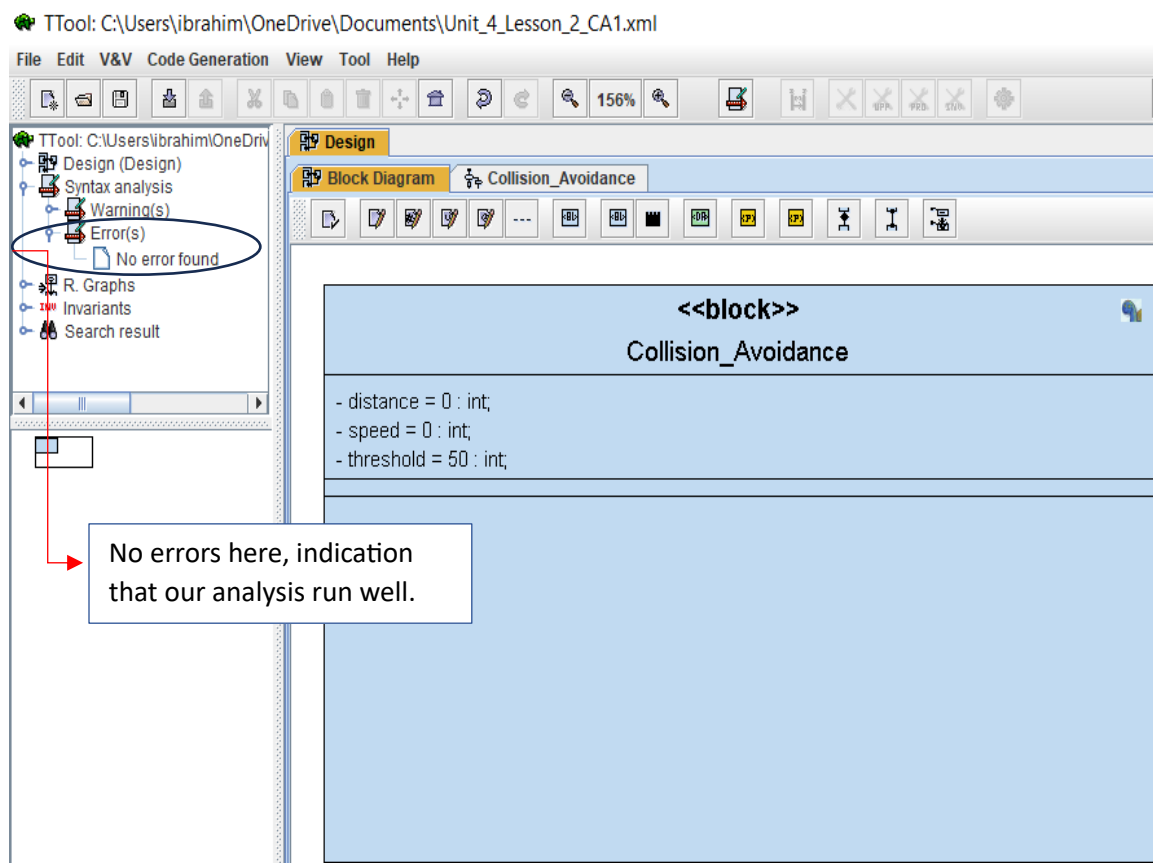
2) State machine

3) Result of implementation of c.

4) Simulation on Ttool.