Creating the Project

In this tutorial, you will learn how to implement a line follower robot using an FPGA programmed in the ChipInventor environment. The project is based on line sensors to detect the path and control the motors through demultiplexers (DEMUX). The system reads the sensors and commands the motor directions according to the detected line.

Creating your Project:

1. Open **ChipInventor**.

2. Click **New Project**.

3. Fill in the following fields:

   - Name: **Line Follower Robot with FPGA**
   - Description: Line follower robot project using sensors and motor control via demux.
   - Type: **FPGA**

4. Click **Create** to start the project.