

Creating Project

In this tutorial, you will learn how to develop a PWM control project using logic blocks in ChipInventor. The idea is to use a slow clock signal to count pulses and control a PWM signal based on that value. The PWM signal will be inverted before being sent to an output, such as an LED.

Follow the steps below to start the project:

1. Open the **ChipInventor** platform.
2. Click on “**New Project**”.
3. Fill in the fields:
 - **Name:** PWM Control with Counter
 - **Description:** Project that generates a PWM signal with a variable duty cycle based on a pulse counter.
 - **Type:** FPGA
4. Click “**Create**”.

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