University of Calgary

Department of Electrical and Computer Engineering

Embedded Software and Hardware Systems (ENSF 460)

Application Project 2 Led Controller – Fall 2023

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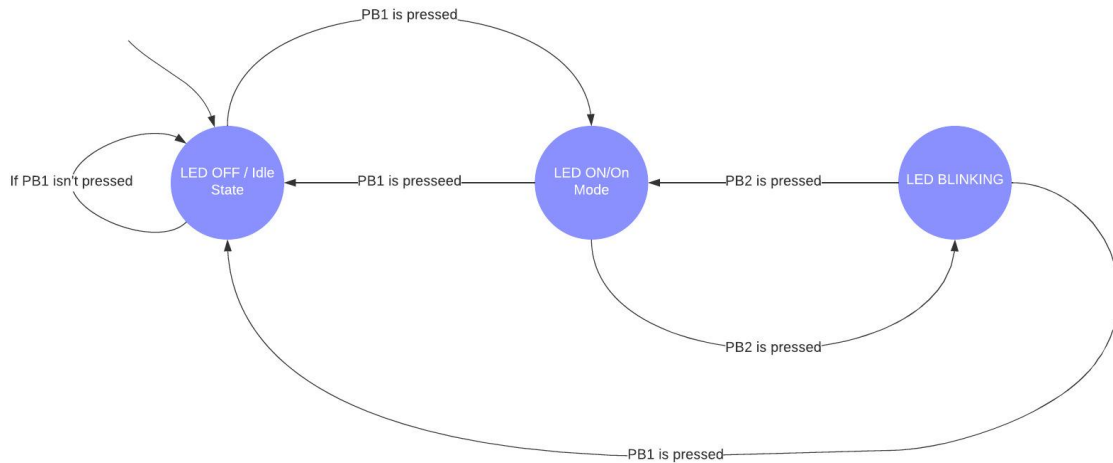Date Submitted: Monday, December 3, 2023

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State Diagram

Contributions

All three members of Group 20, Maged El Habiby, Mazen El Habiby, and Marshal Kalynchuk, collaboratively contributed to every aspect of the project, ensuring a cohesive and comprehensive approach. They worked in unison on the state diagram, the development of the Python code, the MPLAB project, and the hardware setup. This collaborative effort resulted in a well-integrated system that effectively demonstrated the capabilities of the LED control application.