Embedded Systems Lab Demonstration Validation Sheet

This sheet should be modified by the student to reflect the current lab assignment being demonstrated

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| --- | --- |
| Lab Number: | Lab 3 |
| Team Members | |  | | --- | | Team Member 1: | | Team Member 2: | |
| Date: |  |

# Lab Requirements

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| --- | --- | --- |
| 1 | LCD displaying your name and “Train Demo” on correct lines |  |
| 2 | LED are displaying a 4 car train that is stopped at boot-up |  |
| 3 | LCD displaying the trains current direction is stopped at boot-up |  |
| 4 | Pressing SW1 makes the train move forward and the LCD displays that the train is moving forward (LED move correctly). |  |
| 5 | Pressing SW2 makes the train stop and the LCD display that the train is stopped. |  |
| 6 | Pressing SW3 makes the train move backwards and the LCD displays that the train is moving backwards (LED move correctly). |  |