CPE301 – FALL 2019

Design Assignment 6

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Primary Github address: https://github.com/bkokubun99/Submission\_DesignAssignments

Directory: <https://github.com/bkokubun99/Submission_DesignAssignments/tree/master/DesignAssignment_6>

1. **COMPONENTS LIST AND CONNECTION BLOCK DIAGRAM w/ PINS**

Atmel Studio 7.0 Atmega328PB-Xmini PC MPU6050 Sensor

- Assembler -Multifunction Shield

- Simulator

- Debugger

A close up of text on a white background

Description automatically generated

1. **INITIAL/MODIFIED/DEVELOPED CODE OF TASK 1/A**

A screenshot of a social media post

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A close up of text on a white background

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1. **DEVELOPED MODIFIED CODE OF TASK 2/A from TASK 1/A**

N/A

1. **SCHEMATICS**

A circuit board

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1. **SCREENSHOTS OF EACH TASK OUTPUT (ATMEL STUDIO OUTPUT)**

A screenshot of a computer screen

Description automatically generated

1. **SCREENSHOT OF EACH DEMO (BOARD SETUP)**

A computer sitting on top of a building

Description automatically generatedA picture containing computer, indoor, electronics, laptop

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1. **VIDEO LINKS OF EACH DEMO**

YouTube Video Demo - <https://youtu.be/nwm1CrxV1lY>

1. **GITHUB LINK OF THIS DA**

<https://github.com/bkokubun99/Submission_DesignAssignments/tree/master/DesignAssignment_6>

**Student Academic Misconduct Policy**

<http://studentconduct.unlv.edu/misconduct/policy.html>

“This assignment submission is my own, original work”.

Brysen Kokubun