

Dept. of Biomechatronics Engineering, National Taiwan University
Automated System Design
Lab 1

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Deadline: Demo to TA, before October 06th

1. Use IMU to sense the attitude of a seesaw and control the seesaw in order to maintain it at horizontal posture.
2. Use LCD to display 3 axis angles. Use 7 Segment to display {0, 1, 2} to represent the {yaw, roll, pitch} angle.
3. Click the “Mode button” to change the axis. Click the “Check button” to refresh the degree of the angle and display on the LCD.

