

Group Number and Name	Dec14-12
Client/Advisor	Bong Wie
Attendees/Role	Sean Nichols/Leader, Chi Hoe How/Communication, Yishu Mei/Webmaster/ Meng Lu/Advisor

[Past Week Accomplishments](#)

- **Sean** - Realized that the problem with I2C must lie within the camera. We must have received a defective camera module. This makes sense as it was only \$10.
- **Sean** - Realized that the Zedboard lacks necessary clock tree input pins that we would need for camera input. See extended discussion below.

[Plan for Coming Week](#)

- **Sean** - Find a new camera input solution
- **Yishu** - Look at OpenCV software libraries. Look to see if it is a viable option.
- **Chi Hoe** - Continue to work with stepper motor and get them to work!

[Pending Issues](#)

- Stepper motor is still unreliable
- Find new camera solution

[Individual Hourly Contributions](#)

<u>Name</u>	<u>Hours this week</u>	<u>Hours Cumulative</u>
Sean Nichols	9	35
Chi Hoe How	7.5	24
Yishu Mei	7	20

Comments and Extended Discussions

- It has been noted that the Zedboard does not have ANY global clock tree input buffer pins that are easily accessible through the PMOD ports. This completely destroys the idea of using a small camera module since we cannot reliably get the pixel clock into the FPGA. The problem with I2C has now, in a way, fixed itself, but at a huge cost to development time!