

# Meeting Minutes: 360 Designs - # 9

## *Call to order*

A meeting of 360 Designs was held in the Engineering Design Suite on 11/7/2019. Attendees included Tanner Sloan, Mark Jennings, Max, Phillip, and Dr. Beyerlein.

## *Agenda*

1. Review EPC Meeting 3
2. Design Status
  - a. Programming
  - b. Program Block Diagram
  - c. Success ideas
3. Class Work Review
  - a. Wikipage
  - b. Project Value Proposition
4. Upcoming deadlines
  - a. Portfolio - Due November 14th
  - b. Logbook - Due November 14th
5. Visit Sagle: Nov 21st vs Dec 2-6
6. Future plans and expectations

## *Reports*

- Last week, the schedule has been revised to create options for the final design proposition (traveling to EPC).
- For Jake: Beyerlein wants us to maintain a spreadsheet (use template on Mindworks). Please stop by Beyerlein's office and he will provide an example.
- Reviewed last week's minutes with Dr. Beyerlein. Updated Beyerlein with the status of parts.
  - Mark needs to submit a request for refunding for the relay, button, etc.
    - See Margaret Baker.
- Confirm that Jake emailed Swenson and Ankit the link to our wiki page.

## *Unfinished business*

- Last week, we met with EPC and discussed our progress. Trevin and Nick wanted us to brainstorm more “success routines” for this week.

## *New Business*

- We would like to schedule the final design proposition for Thursday, Dec. 5. Mark will handle communicating with EPC whether or not this date works.
- Mark reviewed programming block diagram.
- Aim to have physical contact with design routines fully functional by design review and second snapshot.
- Ideas for success routines:
  - Beyerlein: have a fact about EPC or their industry pop up
  - A box opens, dispensing candy, a pen, etc.
  - Pop up flag
  - Unraveling large poster, manual or automated?
  - LED lights flashing with an LED strip hooked up to speakers playing The Price is Right
  - Red/orange/yellow/green LED when you're not within 1 sig fig/within 1 sig fig/within 2 sig fig/within 3 sig fig (target)
  - Dartboard/archery target (increase accuracy when you're closer to the target)
  - Bell rings faster or slower when you're closer to the target. Green light flashes when the target is reached.
  - Display all the possible success lengths above the actuator, the resolution must be changed to achieve certain lengths.
- Project Value Proposition
  - Resubmit to Beyerlein with edits

### *Announcements*

- Team member citizenship before Thanksgiving
- Logbooks and Portfolios due the 21st of November, collect the next day (Friday before break)

### *Adjournment*

The meeting was adjourned.

Tanner Sloan - 10/31/2019

*Secretary*