

Meeting Minutes: 360 Designs - #11

Call to order

A meeting of 360 Designs was held in Dr. Beyerlein's office on 11/14/2019. Attendees included Tanner Sloan, Mark Jennings, Jake Metter, Dr. Beyerlein, and Trevin and Nick from EPC.

Agenda

1. Call to Order
2. PowerPoint
 1. Success Ideas Overview
 2. Programming / HMI+PLC Demo
 3. Control Flow Diagram
 4. TR2
 5. Wiki page Update
 6. UI Business
 1. Schedule Concept Design Review
 2. Citizenship Meeting
 7. Revised Schedule
3. Future expectations, discussions

Reports

- N/A

Unfinished business

- Confirmed that we are turning in portfolio, logbooks and citizenship forms to Beyerlein next Thursday, Nov 21.
 - Physical copy of the citizenship forms preferred.

New Business

- We will be simplifying the routine to win, but the success routines will be randomized, making the experience different for each user.
 - Buying a speaker for the audio output
 - Price is Right theme song and visuals

- Purchase programmable LEDs for a sequence for the success routine (change colors as you get closer to the target, light up patterns when you win)
- Purchase a food dispenser for success routine
 - Potentially have three dispensers to enable more random success routines, but get one up and running for now.
- Mark showed off the HMI/PLC demo program to Nick and Trevin.
- Mark shared on/off program within Unitronics.
- Mark shared control flow diagram.
- We need the TR2 and the associated rack (21" length preferred)
 - We will need to cut 2' length to 21" w/ horizontal band saw
- Send wiki page link to Trevin and Nick by end of semester
 - Dr. Beyerlein will check and give feedback for us
- Confirmed Design review for 8:00-10:00 December 5 at EPC. Will bring a proof of concept prototype.
- Trevin: put together a PowerPoint before December 5 for a preliminary design review so we can have feedback on what we are going to present.

Announcements

- Attend 2 design reviews from other teams, bring forms to fill out.

Adjournment

The meeting was adjourned.

Tanner Sloan - 11/14/2019

Secretary