

UI Debalers 2.0

Instrumentation and Data Collection for Debaler Project Meeting minutes

Location: Zoom

Date: 10-29-2020

Attendees: Evan Allen, Nathan Stout, Benjamin Zimmerman, Hope de Avila, Dr. Brian He, and Cobi Brower

Time: 3:30-4:00 p.m.

• Meeting Agenda

- Go over Client meeting and current progress with instructor
- Schedule a date and set goals for design review
 - Email Dr. Swenson when we will hold our design review
- Go over the Value Proposition as a team
- Start preparing for design review

• Meeting Notes

- The team caught Dr. Brian up on our client meeting and informed him of our current progress
 - Talked about how the client told us to continue working hard and gave us few design ideas
- Our mentor, Dr. Brian, talked about our Design Validation Plan and he said it was good. Below are some of his suggested edits
 - We could split up the large tests into smaller ones
 - We should also make sure that we are sharing responsibility and give people ownership of certain parts of the project
- Dr. Brian also had a few comments about how to go about creating our Wiki page
 - We should have our Wiki master (Ben) divide out assignments for things to put into the wiki page and have us help him when needed
- The team discussed a potential date for our Design Review
 - Tentative date: Wednesday 11/11/2020 at 3:00 p.m.
 - Nate will reach out to client to see if this works for him
- Ben discussed our control solution with his employer

- Ben's boss said that the hall-effect sensor is a good idea and that a PLC controller might be the way to go for controlling the motors and reading sensors
- The team looked at the Value Proposition created by Evan and made a few edits and said it looked good/ The value proposition is now complete.

• **Action Items In-Progress**

Action Item	Personnel Responsible	Status	Deadline
Value Proposition	Evan	Completed	10-29-2020
Design Review	All Members	In-Progress	11-13-2020
Control System Design Completion (New)	Evan	In-Progress	11-11-2020
Conveyor Completion	Nathan and Ben	In-Progress	11-11-2020
Improvements to processing head Completion	Hope	In-Progress	11-4-2020

• **New Action Items**

Action Item	Personnel Responsible	Status	Deadline
NA			