

TEAM MINUTES - 10/21/20

Location: Zoom
Present: ALL
Time: 3:30-4:50
Writer: Jaden Cavender

Agenda Items

1. Prepare design validation papers for submission.
2. Discussed Blakes new idea for a plinko style falling sand mechanism. Would be able to bounce sand off protruding surfaces, assisting with cleaning and separation maintenance.
3. Looked over martins uploaded files for expected allowable volume to work with. Some dimensions were detailed, but overall wash box dimensions were left out. May need to write assumptions and verify with testing.
4. Fluid simulation of water filling was finished, but due to software limitations, multiphase modeling is likely not possible or beyond the scope of this project. Most verifications will require experimentation. Jaden will be receiving mentor training next day.

Action Items	Owner(s)	Deadline	Status
Prepare parts for 3-d printing/manufacturing	Jaden	11/6	In Progress
Assembly modeling for printing	Ben	11/6	In progress
Continue part pricing	Tobias	10/22	In Progress
Continue screen part modeling and communication	Tayson	10/23	In Progress
Design detailing	Blake	10/23	In progress
Meet for printer training	Full Group	10/22	In progress