

Team: P18414

Engineer: Nicole Badia

Entering Phase: Customer Handoff and Final Project Documentation

You will answer these three questions when you submit at the end of Integrated Build and Test Prep.

1. What did I actually do?

During this phase, I assisted with the build of our toilet prototype, including manually constructing it, taking pictures and notes of our progress, and recording problems we encountered along the way. Additionally, I spearheaded Human Subjects Testing, which included gathering volunteers, logistics for testing, and completion of test protocols that involved HST.

2. What did I learn?

I learned that even with thorough communication between us and the customer regarding prototype build, there is something bound to go wrong without having our customer with us to build. Additionally, the way in which concrete structures are built in the US is very different from the way they are built in Haiti, and environment plays a huge role in decisions regarding drying times for concrete. Finally, I learned that people have various concerns when it comes to Human Subjects Testing that I did not think of before, such as being concerned about other people disposing of their waste. Because of these concerns, we switched up some of our HST instructions and testing.

3. What do I plan on doing to ensure that Team P18414 has a successful Customer Handoff and Final Project Documentation?

1. Analyze HST data and look for trends in data. (04/02-04/06)
2. Acquire materials and create activity needed for Imagine showcase. (04/16-04/20)
3. Assist with creation of Imagine RIT video. (04/02-04/28)
4. Contribute to group paper. (04/02-04/28)
5. Update problem tracker with problems that arise throughout this phase. (04/02-04/28)