

ECE 480 Design Team 8

Voice of Customer

Opening

Greetings, we are the MSU Design Team 8 that is working on the dispenser cup project. My name is Daniel Sun and I am the Project Manager. My name is Connor Grossman and I am the Document Preparer. My name is Daniel Gomez and I am the Lab Coordinator. My name is Gao Xin and I am the Web manager. My name is Hong yi and I am the presentation lead. Thank you for taking the time to meet and speak with us today and to clarify some of the questions that we have.

Introduction

To our understanding, the project consists of creating a dispenser cup that allows wireless communication with the main system. The Dispenser cup will have integrated LED's on them displaying which materials to use when a cycle is selected. For example, depending on the cycle it will tell you to use detergent, softener and/or bleach. Another main point of the project is for the dispenser cup to be self sufficient by supplying its own power. The dispenser cup should be powered on its own and separated from the main system. It will only require wireless communication with the main system after the cycle is selected.

Transition

Our team has read project description that has been provided to us. We understand that we are going to improve on last semester's prototype with the specifications given to us. We have already taken a look at last year's prototype and have an idea what our task is and how we, as a team, are going to accomplish the new tasks that are given to us. However we do have some concerns that we would like to clarify before we start the project. We are just going to ask some questions that we hope you can clarify for us in order to improve our understanding of the project. So here is our first question.

Key Question #1

Our first question is if you could explain the projection description further? We have limited information from the project description and it would be ideal if we could get more details if we could get more details about the project.

Key Question #2

The second question would be what is meant by not using any contact pads and that the structure should be on its own? What should the final product look like?

Key Question # 3

The last question we have is regarding the wireless communication. Is there a certain type of microcontroller that you would wish to use? Could you further elaborate on wireless communication? what is expected and what needs to be done?

Ending Summary

Thank you for answering all our questions. Here is the answers that we have recorded today if you could help us double check them. Our meeting has concluded at this point of time and I would like further set up another date with you, so that we could show our first prototype and clarify any questions that you have on our prototype. Thank you.

Close

Thank you for taking the time to meet us today and clarifying all our questions. Is there any questions you want to ask us? if not we will get started on that project as soon as possible.