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DigiCube 

Interview Protocol

Interview Duration: 15 – 20 minutes

Structure

- Introduction (3 minutes)
- Storyboard (5 minutes)
- Feedback and Questions (5 minutes)
- Wrap Up (2 minutes)

Introduction

Hi! Thank you for agreeing to provide feedback for my DigiCube project. The DigiCube is a classroom communication tool designed to help students convey their needs to instructors by using a light-based system triggered by actions on a pad. During this interview, we will walk through a storyboard that explains the inspiration of the DigiCube, how it operates and its intended use cases. You may be prompted for feedback throughout. At the end of the storyboard demo, you will have the opportunity to share your thoughts, make design suggestions and ask questions. There are no right or wrong answers. This model is imperfect and your insight as a student will help me identify strengths and gaps in my design that I can iterate on and improve. Do I have your consent to proceed with this interview?

About my project: My project offers a novel; low-cost classroom technology that helps students and professors remain engaged in large classrooms. Let me tell you how.

The primary goals of DigiCube are:

- Empower students to engage and ask questions
- Bridge and promote a positive communication channel between students and professors.
- Provide professors with more insight in the form of data points and metrics on student questions, concerns, feedback and sentiment about course material

***Initiate storyboard* walkthrough **

Interaction based prompts

*Face 1: * Student presses icon on pad**

- *What do you think is happening here?*
- *What do you think the icons represent?*
- *How intuitive do you find this action?*

*Face 2: *Selected icon illuminates on pad. The icon creates an image on this face corresponding to the icon the student pressed on the pad.**

Face 3: Instructor sees the lit panel and interprets the signal

- *What do you think about the instructor receiving this type of signal*
- *Do you think this will be effective in a large classroom*
- *Can you think of instances where this may not work? If so, what modifications do you think can help this design function better?*