

Cover Memo

To: Lonny Grafman

From: Jude Penny, Killian Soltero Walker, Thomas Martinez, Kenny Lucero

Date: February 11, 2024

Subject: Section 1

Purpose

The main purpose of this memo is to show the beginning progress of our document and project and to receive feedback for Section 1 and the rest of the document whether it concerns formatting, the content itself, or anything else.

Summary

Here in this tentative document, you will find Section 1 of our design project which contains the background, objective, and Black box model of the pedal powered blender project. As with the rest of the project and document it is subject to change based on feedback and progress made with the project.

Discussion

Upon meeting with our client, CJ Paulsen and CCAT, for the first time we took notes of the pedal powered blender and discussed with our client what the project entailed. The bike blender shown to us was quite deteriorated and the blender connected to it no longer worked. As such, the client wants an entire new bike blender and gave us several guidelines. A new system that still uses a blender and is powered by a bike. A new blender is also needed and the bike may also need to be made larger than the previous bike. Additionally, the system is entirely mechanical as the bike provides all the power needed for the blender and the new design should be long lasting and usable. Our group was also shown various diagrams and drawings of the bike and blender system that showed how it worked and what parts were used in the design.

Recommendation

We recommend that you use the content provided in the memo to properly grade us and to give us advice for how we structure and build the rest of the document in the future.