HIRSCH Servo · HIRSCH GRUPPE · HTL | MÖSSINGERSTRASSE

Optimizer

About

The optimizer is a software and hardware project aiming to streamline a Styrofoam cutting-process at Hirsch Gruppe with the goal of **reducing waste** and **enhancing efficiency** in the real world

The Cutting Process

Stabilizer

Hotwires

Conveyor

Styrofoam

System-structure

React, Spring boot and a REST-API are used to **optimize** and then store the input data at a **database**. The data is visualized via a **simulation** of the cutting-process, utilizing the ESP32

Database

Algorithm

Hardware

Backend

Data Transmition

{ REST-API } · spring boot

Web Interface

React

Legend
- Obweger
- Melcher
- Musliev

Marcus Obweger | Islam Musliev | Maximilian Melcher | 5CHEL