Frontend Design Document

1. Status

<mark>Work In Progress</mark>

2. Introduction

The document is responsible for describing high-level frontend components and UI/UX decisions.

3. Requirements

Priority	Requirement	Done
0	Ability to define users, sites, machines(assets), simulator models, and OEE relationships	☐
0	See map data feed across a time range up to "now"	☐
0	Calculate OEE based on Availability, Performance, and Quality at the asset, site, and global level over a given time range	☐
0	Enable multiple free form dashboards to be created combining any available data or OEE calculations from the system	☐
1	Measure carbon footprint data to report on sustainability	☐
1	Support ad hoc Generative AI queries about production and received accurate answers, including calculated results and aggregated data	☐

4. Components

4.1. React Maps
This will be used in order to display our map and to place the location of factories/sites.

4.11 Documentation
React-Maps

5. UI/UX

This Figma file will be our UI design.

6. Testing

This will outline any testing for the frontend.

7. Work Log

This will outline the tasks for the frontend.

#	Task	Sprint	Status	Assignee
1	Create Navigation Bar	1	Not Started ▾	cairohyfr@gmail.com
2	Begin Map Component	1	In Progress ▾	tachorzyad@gmail.com
3	Create Information Boxes for Data (Factories, Assets, etc.)	1	Not Started ▾	rejogreen@gmail.com