

# LEANFLOW

Smart Solutions for Logistics Challenges

# TEAM MEMBERS



**Arthur**

Team DEV



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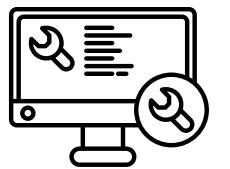
Product Owner



**Yasmim**

Scrum Master

# PROJECT OBJECTIVES



## Business Intelligence

Develop a Business Intelligence (BI) platform to analyze port efficiency in Brazilian ports.



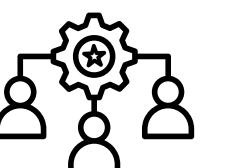
## Productivity Comparison

Analyze and compare the productivity of port terminals, considering installed infrastructure and cargo volume handled.



## Processing Time

Provide information on processing times in port operations using data from ANTAQ



## Operations Time

Evaluate operation times, identifying which processes have longer waiting times and which are more efficient.



## Operations Time

Investigate the main reasons for port stoppages and whether there is any seasonal correlation throughout the year.

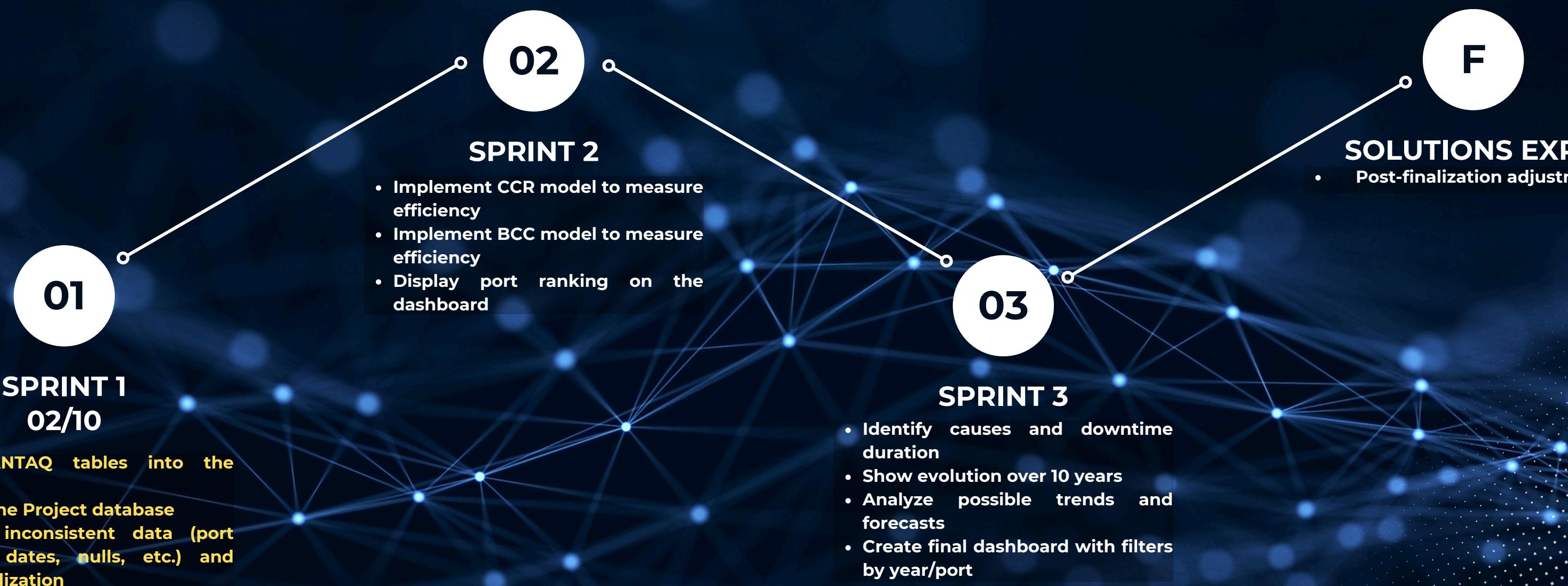
# PRODUCT BACKLOG

User Stories	Descrição	Prioridade
US1	As an analyst, I want to create a database to facilitate the team's access to the data.	High
US2	As an analyst, I want to import ANTAQ's raw data into the database to start the analysis.	High
US3	As an analyst, I want to clean, process, and standardize inconsistent data.	High
US4	As a manager, I want to calculate port efficiency using DEA CCR.	Medium
US5	As a manager, I want to calculate port efficiency using DEA BCC.	Medium
US6	As an analyst, I want to view a ranking of port efficiency.	Medium
US7	As a user, I want to view the most/least efficient ports on a map.	Medium
US8	As a manager, I want to view the reasons and duration of stoppages.	Low

# PRODUCT BACKLOG

UserStories	Descrição	Prioridade
US9	As a manager, I want to track the evolution over 10 years.	Low
US10	As a manager, I want to analyze possible trends and forecasts.	Low
US11	As a user, I want to filter data by port and year.	Low

# PRODUCT BACKLOG BY SPRINTS



# WHAT WE HAVE BY NOW



## Phase 1: Market Entry

Conducting market research, assessing regulatory requirements, establishing local partnerships, and securing necessary licenses.



## Phase 2: Operational Setup

Setting up a local office, hiring a team, establishing distribution channels, and developing a marketing strategy.



## Phase 3: Launch & Expansion

Introducing products or services to the market, building brand awareness, monitoring performance, and adapting the strategy based on results.



## Phase 4: Ongoing Operations & Growth

Optimizing operations, expanding product offerings, strengthening market presence, and pursuing further growth opportunities.

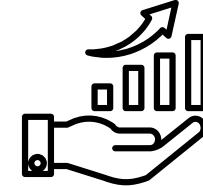
# YET TO COME...



CCR MODEL



BCC MODEL



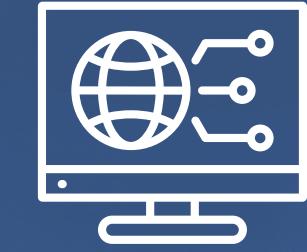
PORT RANKING



DOWNTIME  
ANALYSIS



TRENDS AND  
FORECASTS



DASHBOARD

**THANK YOU!**