

SteamData®

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"SteamData" is not really a registered trademark

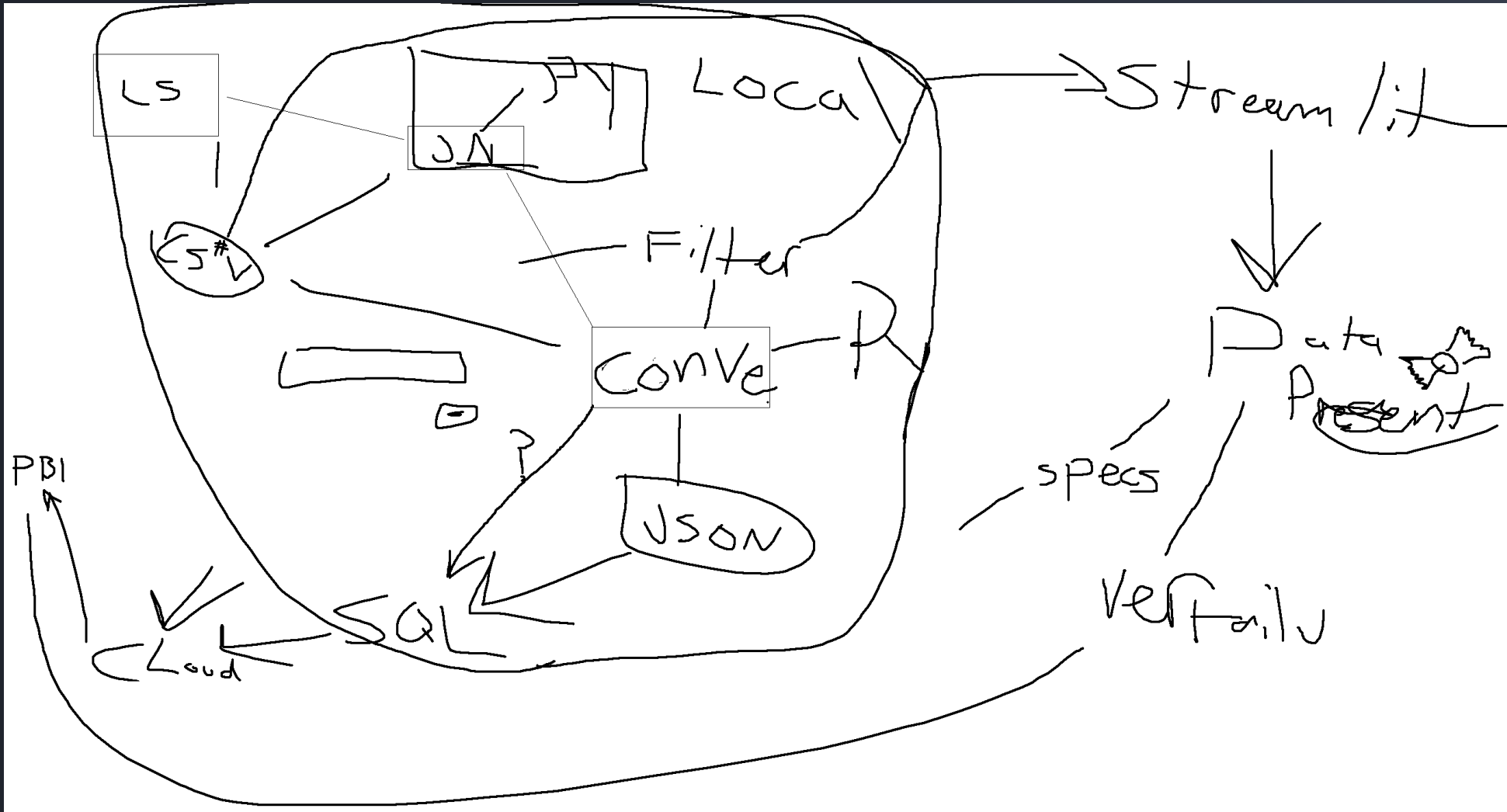
Original Goals:

- Gather, analyze and visualize indie game data for recognizing trends.

Final Product:

- Cloud server with database structured to handle game information efficiently.
- Web interface allows users to filter and search for games, with results dynamically displayed based on user input.
- Backend app for importing, validating and filtering data with bulk data insertion to the database.
- Data analysis and visualisation.
- LLM sentiment analysis.

Project Diagram



Initial Planning

Steam Data Scrape ☆ Public Board

Backlog

Backlog

Backlog

1

Data

LLM-sentimentianalyysi

5

Front

Frontin ulkoasun toteutus

3

Front

Frontin rakennelogiikan toteutus

3

Backend Investigation/Learning Planning Data Front Database

MVP: Datasetin analysointi ja visualisointi (iso sekä indie), Datan vertailu, Toimiva DB, Toimiva nettisivu

1 RK LL MM TT

Ideas

Automaatiikkaa?

Ideas

Arvostelu filteri (0 arvostelua, poista)

Planning

Tiketin perusrakenne

Backend Ideas

Backend "form" jolla päivittää DB helposti

Sprint Backlog

Backlog

Sprint Backlog

1

Investigation/Learning Data

Streamlit-dashboard

Investigation/Learning Data

Datan visualisointi

Data

Data: mietitään yhteiset kysymykset datasta

TT MM

Planning Front

Frontin suunnittelu (ulkoasu)

3

Add a card

To Do

To-Do

To Do

1

Backend Investigation/Learning Planning Data Front Database

Sprint Goal: Toimiva DB, "Puhdasta" testidataa DBlle, Front Runkon Suunnittelu (GitHub ylläpito)

1 RK LL MM TT

Planning Front

Frontin suunnittelu (rakenne)

3 LL

Investigation/Learning Planning

Coodilla projektin kokonaisuus-diagram

3 RK

Add a card

Doing

Doing

Doing

1

Investigation/Learning Front

JavaScript investigation

5 LL

Planning

Projektin kokonaisuuden suunnittelu

1 RK LL MM TT

Investigation/Learning

Power BI

3 TT

Add a card

Presentation

Code Review

Code Review

3 / 6 1

Code Review

Data Conversion Method

MM

Backend Planning Database

Databasen välinen logiikka (back)

1 RK

Add a card

Testing

Testing

Testing

1

Database

Create SQL Server (Azure)

1 RK

Planning Front Database

Databasen välinen logiikka (front)

1 RK

Front

Testiympäristön luominen (HTML, Node)

1 RK

Add a card

Done

Done

Done

2

Data

Scrape Data

1 TT

Data

CSV-/JSON-konversio

1 MM

Backend Data

Data Scrape Method

1 TT

Data

Datasetin putsaus

1 TT

Investigation/Learning Database

SQL investigation (Azure)

1 RK

Add a card

OOS Ideas:

- Backend app Steam API integration.
- Whole dataset and indie games dataset comparison.
- Branch ID

Future Ideas:

- More tools for the front end user.
- Data analysis visualization at front end.
- Automated database update.