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<http://webtech.science.uu.nl/group63>

We made a website selling trains, why? Well because my name is Thomas, and Thomas the Tankengine is a thing. So yeah, we sell trains.

Our applications is made with express, in the myapp folder we have our app.js, this also redirects to saveasjson which is the javascript we wrote to save our database data in folder so that we can acces it. We also store our database in myapp. In the public folder are the html pages, there are also 4 other folders. Css, js, data and images. The names are pretty telling of what they contain, in the html we refer to these folders to get our pages to look fancy and to load the images and database data.

Our Database is rather simple, it has 2 tables

The tables (first attribute is the primary key):

Accounts(UserName, Password, Name, PostalCode, Email)

Trains(TrainID, Name, Manufacturer, YearOfConstruction, LengthM, PowerKW, PriceGRAND)

There is no real point making an ER diagram, since there are no connections between the tables.

Registered users:

train thomas

admin admin

sneder 12345

apollo sun

zeus thunder

hera family

poseidon sea

aphrodite love

ares war

Our database data is completely random, its not based on actual trains and their attributes.

Create Table Statements

CREATE TABLE Accounts (

UserName VARCHAR UNIQUE

NOT NULL

PRIMARY KEY,

Password VARCHAR NOT NULL

UNIQUE,

Name VARCHAR NOT NULL,

PostalCode VARCHAR NOT NULL,

Email VARCHAR UNIQUE,

BirthDate DATE,

Gender CHAR

);

CREATE TABLE Trains (

TrainID INTEGER PRIMARY KEY

UNIQUE

NOT NULL,

Name STRING UNIQUE

NOT NULL,

Manufacturer VARCHAR,

YearOfConstruction DATE,

LengthM INTEGER,

PowerKW INTEGER,

PriceGRAND INTEGER

);

NOTE:

Due to a lack of time (our fault) and our inexperience we have not been able to implement every feature. Most notably a purchase function and purchase history.