Platform Description

Health tracker

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[Year]

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## Development Platform

I used Debian Jessie x86 as the developments platform.

## Development Tools

Javascript IDE: Webstorm

Python IDE: Pycharm

MySql Editor: Mysql workbench

Build & Testing: Webpack-dev-server

Browser: Chrome Browser

Python package manager: Anaconda

Node package manager: NPM

## Deployment Platform

Amazon EC2 Ubuntu 14.04 ABI

Mysql-server

Httpd

Miniconda

NPM

## Software Libraries & Frameworks Used

Python Flask

Flask-CORS

Flask-SQLAlchemy

Angular 2 Typescript

Webpack module bundling and builds

Protractor testing

Karma testing

Jasmine Testing

PrimeNG for UI components.

## Deployment Commands

#!/bin/sh

apt-get update

apt-get upgrade

apt-get install git

wget https://repo.continuum.io/miniconda/Miniconda2-latest-Linux-x86\_64.sh

bash Miniconda2-latest-Linux-x86\_64.sh

apt-get install mysql-server

sudo apt-get install libmysqlclient-dev

apt-get install npm

sudo npm install -g n

sudo n stable

git clone https://github.com/cantux/Fall2016Swe573cant.git

cd Fall2016Swe573cant/code/public

npm install webpack-dev-server rimraf webpack -g

npm install

npm run build:prod

cp -R dist/\* /var/wwww/html/.

mysql -u root -p admin -s "CREATE DATABASE deneme2;quit;"

cd ../app

conda env create swe573\_backend -f backend.env.yml

source activate swe573\_backend

export FLASK\_APP=FlaskDeneme.py

nohup flask run --host=0.0.0.0