CardioX AI Framework

Patient UI in MeldRX WordStation

Auto Prefetch Patient Data →

Send Alert and CadioX AI link through Card ←

- ✓ Prefetch patient data
- ✓ Process and store data
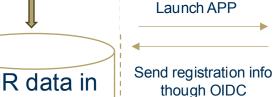- ✓ Generate CVD risk using XGBoost Model

XGBoost, Gunicorn(WSGI), Oauth2.0,

Port for Prediction

- ✓ Generate analysis report
- ✓ Create web sockets to send response from LLM

LLM(llama, ChatGpt,HF serverless API),Daphne(ASGI)

Port for Analysis & AI Agent

Django Framework

EHR data in FHIR format

Launch APP →

Send registration info though OIDC ←

- ✓ Visualize test results in chronological order
- ✓ Visualize analysis report generated by LLM
- ✓ Frontend of AI agent to interact with client

OIDC, React, websockets, d3

Vite Framework

Patient Data Storage