SPYNdoctors
CS6440 – Intro to Health Informatics.
Fall 2017
Technical Presentation (D2)

Nargis Bisset – Project Manager/QA Engineer
Arjun Puri – Project Manager/QA Engineer
Hernando Salas – QA Engineer
Alex Yanovsky – Developer

Project

MASTER PERSON INDEX (DOHMPI) WHICH AIDS WITH DE-DUPLICATION AND MAINTAINING CONSISTENT ID FOR ITS DATA SOURCES; SUCH AS THE DEATH INFORMATION SYSTEM, EDEN

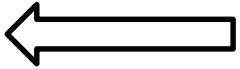
Project Mentors

Utah Department of Health
Dr. Kailah Davis
Dr. Jeffrey Duncan

Project Goal

EpiTrax
Java App

Integrated Communicable Diseases Data
(Tuberculosis, HIV, STD, etc, but currently no access to death data)



EpiTrax
PostgreSQL
DB

Is covered by dohMPI: dohMPI Contains EDEN_ID among its ID's

Only person index, no health data

dohMPI
PostgreSQL DB

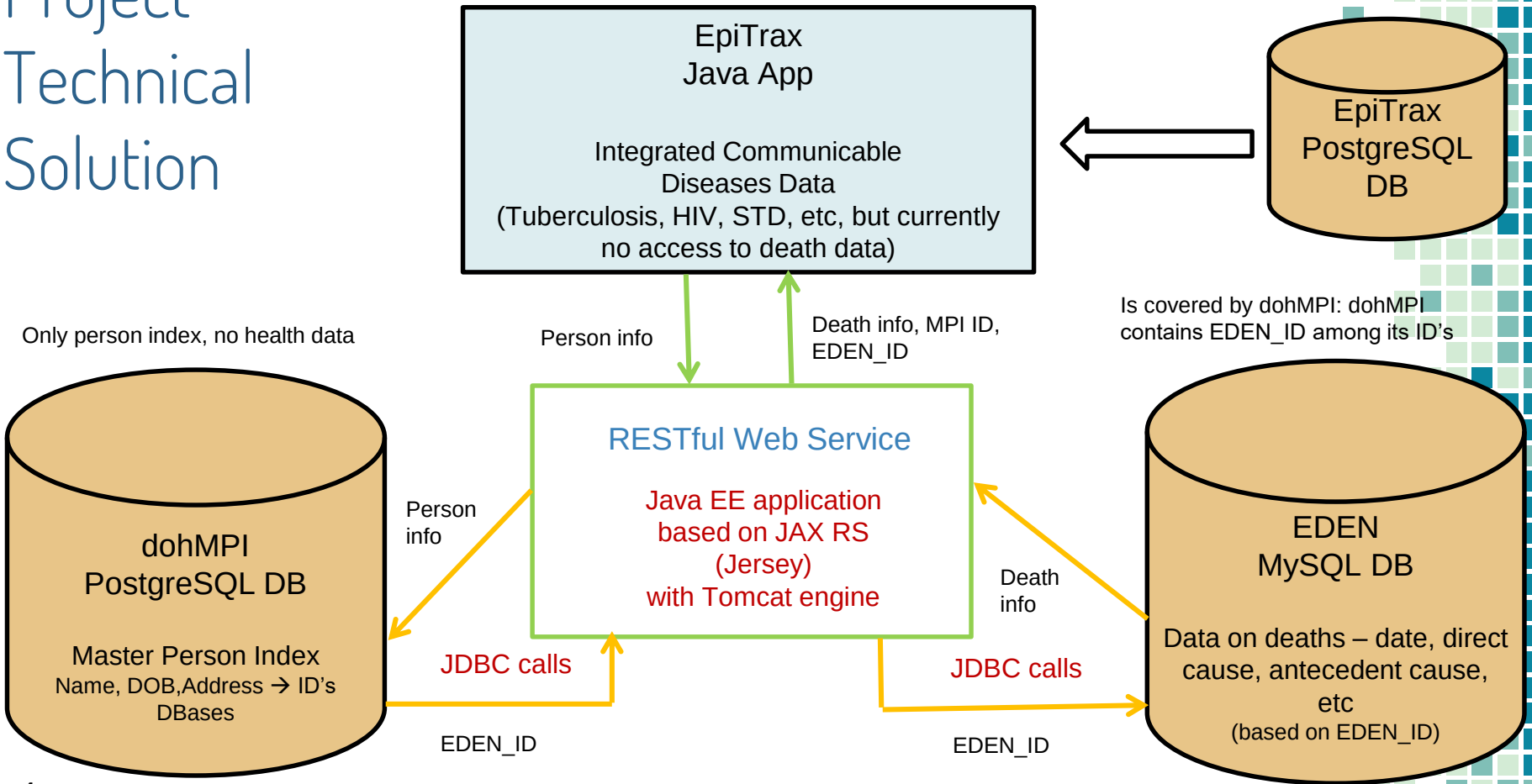
Master Person Index
Name, DOB,Address → ID's
DBases

Goal of the project:
Provide access to death data
for EpiTrax users

EDEN
MySQL DB

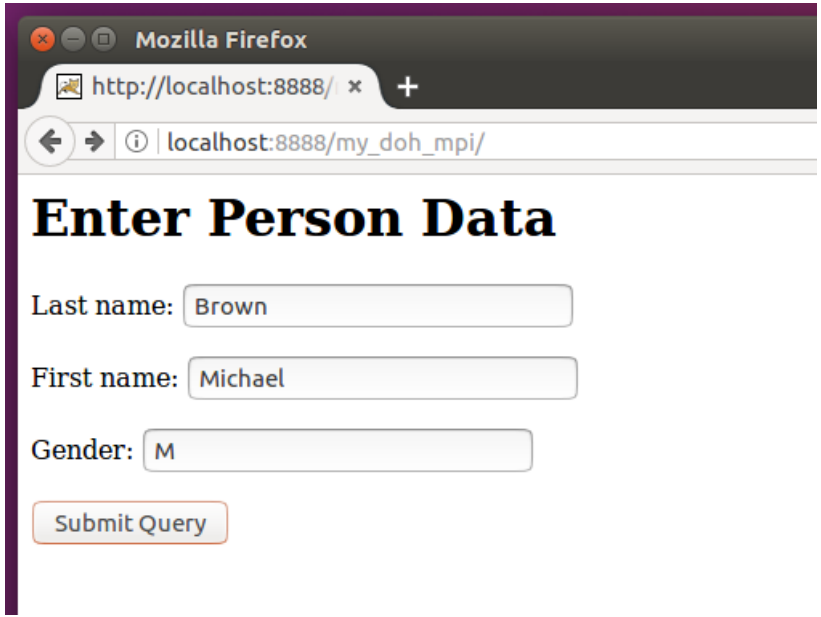
Data on deaths – date, direct cause, antecedent cause, etc
(based on EDEN_ID)

Project Technical Solution

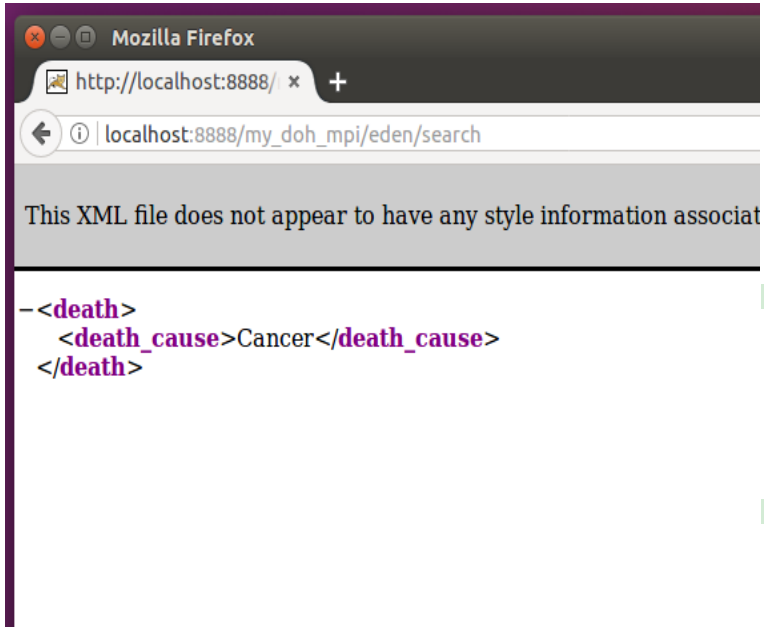


Test pages mock-up

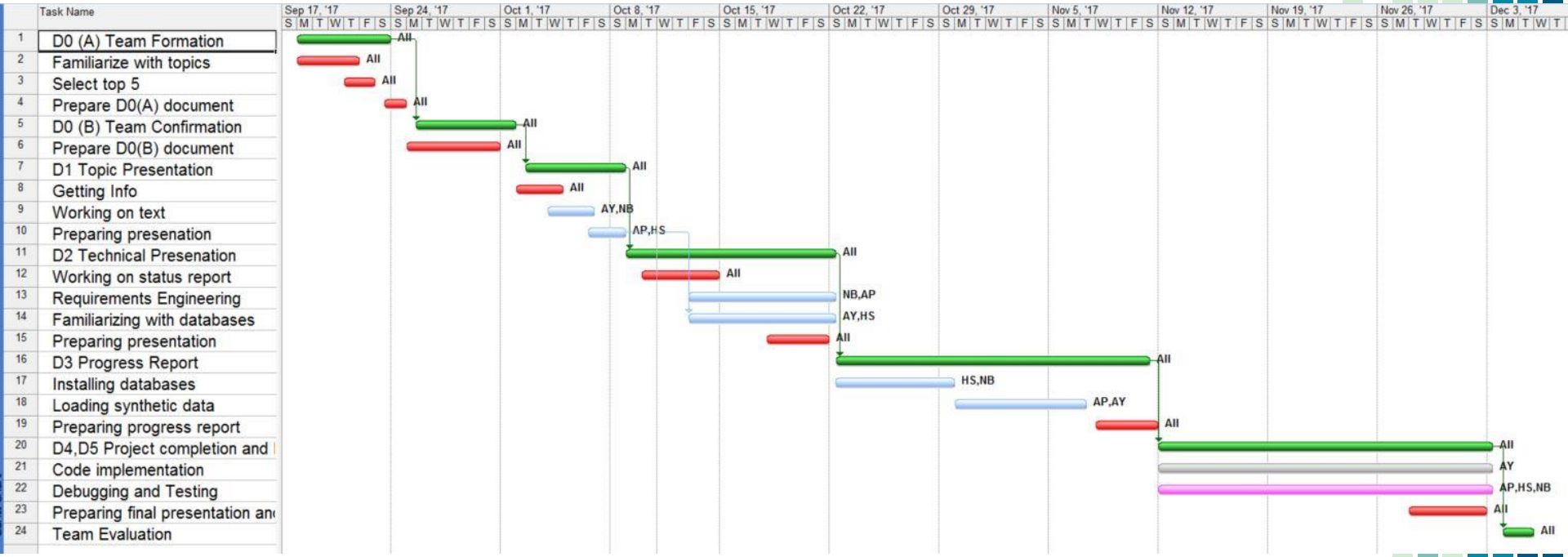
Request web page



Response page



GANTT Diagram



THANKS!