

SPRINT 5 FINAL SUBMISSION

MedCards – Final Submission

Term: Spring 2021

Team: mHealthTap

Project #4

Section I: Team Details

Team Members : Vamsi Gadireddy, George Singhal, David Strube, and Daniel Tuttle

TA Mentor : Abhishek Khowala

Industry Advisor : Dr. Julien Thomas

Quick Description of Application : MedCardsWeb Application - an application that organizes only the data appropriate for a particular specialty based on chief complaints

Team Member Roles & Responsibilities :

- Vamsi Gadireddy: Data Engineer responsible for providing the team with sample data with which we tested the application. Also built the Azure HAPI FHIR server for data ingestion/extraction functional testing.
- George Singhal: Architect and Project Manager responsible for project management, software development, and testing.
- David Strube: Mobile Software Developer responsible for research, web application coding assistance, code reviews / pull request approvals, & documentation.
- Daniel Tuttle: Web Application Developer responsible for designing and implementing the web application.

Section II – Application

Github Repository: All of your code must be in this repository.

Final Git Commit:

https://github.gatech.edu/dstrube3/med_cards/commit/ce2bd1c4cfac41f850412c720c211eb2d353f9da

Github Link: https://github.gatech.edu/dstrube3/med_cards

Branch: master

Application Details

App Name: MedCards

App URL:

<http://exampletestingterrastartup.s3-website-us-east-1.amazonaws.com/search>

App Description: A web application that organizes only the data appropriate for a particular specialty based on chief complaints

Section III – Project Presentation

Link to Presentation Video

<https://www.youtube.com/watch?v=bimzOftzW0c>

Section IV – Project Documentation

Final Gantt Chart:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/Practicum-Project-Gantt-Chart.png

Application Manual:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/Application%20Manual%20-%20mHealthTap.pdf

Special Instructions:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/Special%20Instructions%20-%20mHealthTap.pdf

Research Directory:

https://github.gatech.edu/dstrube3/med_cards/tree/master/Final%20Delivery/Research

Documentation Directory:

https://github.gatech.edu/dstrube3/med_cards/tree/master/Final%20Delivery/Documentation

Project Plan:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/etc/Sprint%201%20-%20Practicum%20Proposal%20-%20mHealthTap.pdf

Use Case Model:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/Documentation/MedCards%20Example.docx

Design Document:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/etc/Sprint%202%20-%20Design%20%26%20Implementation%20Plan%20-%20mHealthTap.pdf

Test Plan:

https://github.gatech.edu/dstrube3/med_cards/blob/master/src/app/util/patient-parser.service.spec.ts

Academic Paper:

https://github.gatech.edu/dstrube3/med_cards/blob/master/Final%20Delivery/Project%20Paper%20-%20mHealthTap.pdf