

CS 6440 Project Final Submission

Crohn's Management – Final Submission

Term: Spring 2023

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Section I: Project Overview

Project Title: *Crohn's Management*

TA Mentor: *Jaewoo Park*

Project Task Status

All following tasks have been completed with this final submission:

- *Design the user interface of the web app using Angular*
- *Implement the front-end components of the web app, including forms for entering symptom data, charts for displaying symptom history*
- *Add charts to the dashboard for viewing trends and summaries*
- *Connect to Firebase for backend and data storage*
- *Test front-end components to ensure usability and backend storage for data persistence*
- *Deploy the application to Firebase and test accessibility*
- *Create final delivery documentation and submit*

Section II – Project Artifacts

Deployed Application URL: <https://crohns-symptom-tracker.web.app/>

GitHub Repository Link: <https://github.gatech.edu/gscheid3/CS6440-Practicum>

Section III – Project Presentation

Presentation Link: https://youtu.be/8aaTBp8b_ow

Section IV – Project Documentation

- The application has been deployed on Firebase and utilizes Firestore for data storage. The application is publicly visible and can be accessed directly from the URL above.
- The README.md file provided in the Documentation folder on the Github repository contains detailed user instructions for the functionality of the web app.
- Test data has been uploaded to the application to simulate three weeks of a user's symptoms. This test data is immediately visible on the app at the URL above.