COMP0016 Systems Engineering Bi-Weekly Report 3

Project title: Hospital Surveys

Team Number: 17

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Date: 13 January 2020 – 24 January 2020

Report Overview:

Over the course of these two weeks, we finalized and compiled the tasks completed over the winter break and updated each other on our progress. We focused mainly on the tasks to be submitted for Deliverables 1, including the Elevator Pitch Presentation, Project Demo, Video and Report Website.

List of Tasks Completed:

Task Category	Description	Priority	Status
Deliverables 1 – Project Website	Completed tasks to be submitted for Deliverables 1. We finalized the project website code and website contents, and discussed the contribution table among each other.	High	**Completed**
Deliverables 1 – Elevator Pitch / Video	Recorded the project video to be submitted as well, along with the elevator pitch slides and project demo slides.	High	**Completed**
Django back-end REST API	We have implemented the web-app backend using the Django REST framework and PostgreSQL, hosted on Digital Ocean.	Medium	**Completed**
React front-end Admin Panel	Users can now add questionnaires to the back-end database using the React admin panel user interface.	Medium	**Completed**
Web-App Hosting	Implemented the front-end admin panel using React JS, hosted on Heroku	Medium	**Completed**

Estimate if project is running on time: Yes

Problems to be resolved before the next report:

Task Category	Description	Priority
Web-App - Hosting	There are problems hosting the back end and front end separately due to CORS policy (mixed content is not allowed). This causes some browsers to be unable to load data from the back-end database using the React front-end. To solve this, we will look into hosting the back-end and front-end over the same server.	High
Questionnaire choices cannot be edited yet.	The back-end REST API endpoints for editing questionnaires was not implemented yet.	High
Questionnaire responses still cannot be posted.	The back-end REST API endpoints for posting questionnaire answers was not ready, and the React front-end was also not ready as well.	Medium

Plan for the next two weeks:

- Implement Django API endpoints for editing and deleting questionnaires and questions.
- Implement React front-end for patients answering the questionnaires.
- Host the web-app on Heroku, over the same server.