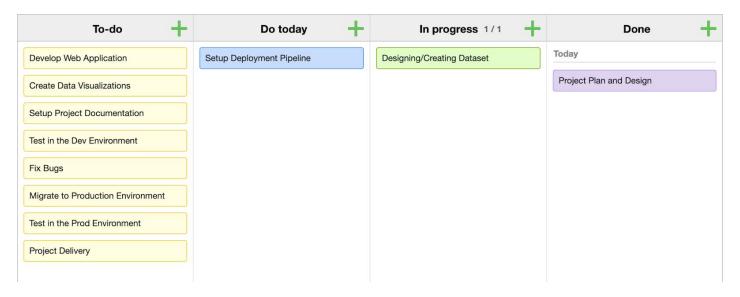
Remote Health Monitoring Patients with Hypertension

Honya Elfayoumy helfayoumy3@gatech.edu

1 Project Tasks



 ${\it Figure~1-} Kanban~board~including~tasks~for~Week~11~to~Week~15.$

2 Project Timeline

Remote Health Monitoring Patients with Hypertension

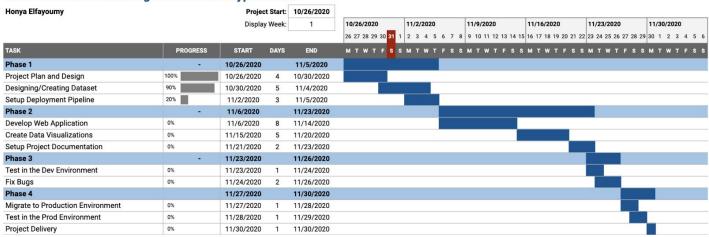


Figure 2—Gantt Chart and Tasks timeline for Week 11 to Week 15.

3 REQUIREMENTS AND RISKS

Project Plan and Design

Requirements: Project requirements for submission

Risks: Design and deliverable definition lacks clarity

Designing/Creating Dataset

Requirements: Inspired by clinical data

Risks: I will not be able to make sufficient data to scale. Doctors typically have many patients that they take care of

Setup Deployment Pipeline

Requirements: Utilize GitHub to streamline code deployment

Risks: Lack of project/code security

Develop Web Application

Requirements: HTML, CSS, Javascript knowledge

Risks: Scope creep/unexpected changes

Create Data Visualizations

Requirements: Tableau knowledge

Risks: Lack of understanding of the healthcare industry and identifying relationships between data variables

Setup Project Documentation

Requirements: Document the development process and research conducted

Risks: Communication gaps and lack of transparency

Test in the Dev Environment

Requirements: Project has gone through the development phase and is ready for testing Risks: Cross-platform compatibility and identifying many bugs

Fix Bugs

Requirements: Tested the application and found bugs in the functionality

Risks: Short timeline for this task, there may not be enough time to fix all of the bugs

Migrate to Production Environment

Requirements: The application is ready to be moved into the prod environment

Risks: The application isn't stable

Test in the Prod Environment

Requirements: The project has been successfully moved to the prod environment

Risks: Finding additional bugs

Project Delivery

Requirements: The application has been tested and aligns with the project scope and

requirements

Risks: Not enough time to complete the project or running into technology risks