Project Plan

Team   Suites

Revision Number	Revision Date	Summary of Changes	Author(s)
0.1	09/07/2016	Filled out every portion of the Project Plan in regards to the upcoming due dates and current team member information	Software Development Team
1.0	10/03/2016	Filled out Milestone Schedule	Software Development Team
2.0	10/15/2016	Added more milestones for R2 planning	Software Development Team
2.1	11/5/2016	Made some formatting changes to document	Software Development Team
2.2	11/30/2016	Made some formatting changes to document	Software Development Team

Brief problem statement

● We represent a funding group (HAccelerator) chartered to create applications for the benefit of health-care across the country. The project we currently want to make a reality will be called **HealthNet**. At its core, HealthNet is meant to enable their hospitals in the US to be able to manage both employees and patients. The successful implementation should make it easy for users to effortlessly sign-up as patients so that the hospital can, without difficulty, manage their procedures and patient related tasks to optimize day-to-day work-flow

● The HealthNet product is intended to improve hospitals by providing an easy mechanism for managing employees, gathering statistical data on the inner workings of the hospital, signing up patients, making appointments, and allowing ease of transfer of both patients and their information between hospitals.

● We want a product whose emphasis is on ease of use, whose navigation is straightforward and where the status of any, and all, information shown is clearly

displayed. Ultimately, a system where understanding and communication about hospital and patient matters is improved.

Team Members

- **David Matz**
  - **Role:** Team Leader
  - **Contact information:**
    - **Phone #:** (585)748-4782
    - **Email:** daviematz@gmail.com or dym5062@g.rit.edu

- **Jake Bashaw**
  - **Role:** Development Coordinator
  - **Contact Information:**
    - **Phone #:** (585)474-9131
    - **Email:** jeb9436@g.rit.edu

- **Michael Gilmour**
  - **Role:** Requirements & Testing Coordinator
  - **Contact Information:**
    - **Phone #:** (215)870-8282
    - **Email:** mpg8010@rit.edu

- **Derek Freeman**
  - **Role:** QA Coordinator
  - **Contact Information:**
    - **Phone #:** (315)398-2786
    - **Email:** df4764@g.rit.edu

Team Communication

- **Tuesdays:**
  - 2:00 PM - 3:30 PM everyone but Derek will meet.
- **Thursdays**:
  - 9:00 PM - 11:00 PM everyone but Jake will meet
- **Saturdays:**
  - 3:00 PM - 6:00 PM everyone will meet

- The team is also using Trello to plan tasks, and slack to keep communication going outside of meetings and class.

Development Environment

- Python **3.4.3**
- SQLite version **3.8.3.1**
- Django **1.9.1**
- PyCharm **2016.2.1**

Risk Management

- There were several risks that we as a team were forced to overcome over the course of the project development some of these risks are detailed below:
  - **Lack of Member Communication:**
    - Communication within your team is critical if you want to succeed with any type of team based work. A few times over the course of the project, we had issues with team members failing to communicate in an effective manner. Luckily we had access to each member's contact information as well as a team Slack created to foster a positive environment for members to interact with each other
  - **Failure of Version Control Software:**
    - When using Version Control of any sort, there is always the apparent risk that your hard work can get erased in the blink of an eye. With nearly every team member never using Version Control previously, we were forced to study up and implement safeguards to prevent the loss of our project files. We made regular backups of our code, so if something were to happen to our repository, we could still continue project work
  - **Team Member Sickness:**
    - No human being is perfect. Sickness is inevitable, and can cause a considerable roadblock for team based work. It is rather hard to get work done when you are bed ridden and miserable. Luckily no one got seriously sick on our team, but if that were to happen, we as a team agreed to extend deadlines for the afflicted member and readjust the workload to account for the temporary lack of a team member

- ○ **Time Management:**
  - ■ With our project taking place over the course of the entire semester, we had to very quickly set up a framework to complete project in a timely and efficient manner. When team members were assigned work, there were often times where a specific piece of functionality would take longer than expected to complete. With "bumps" like this in development, we were forced to take an Agile approach, quickly adapting to changes in the development times for each specific set of our product's functionality

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create draft requirements	9/6/16	R1	No
Finalize requirements	9/8/16	R1	Yes
Create Process Grid	9/13/16	R1	Yes
Create Design document	9/20/16	R1	Yes
R1 Code and Basic Functionality	10/4/16	R1	Source Code
R1 Presentation	10/4/16	R1	Yes
R2 Planning	10/18/16	R2	Yes
R2 Beta	11/8/16	R2	Yes
Cross Team Testing	11/15/16	R2	*Yes*
R2 Final Code and Functionality	12/6/16	R2	*Source Code*
R2 Presentation	12/6/16	R2	*Yes*