

# Team Spectrum

*Milestone #1 Progress Report*

Brody Berson, Mario Galeno, Kyle Schelhaas, and Michael Torres

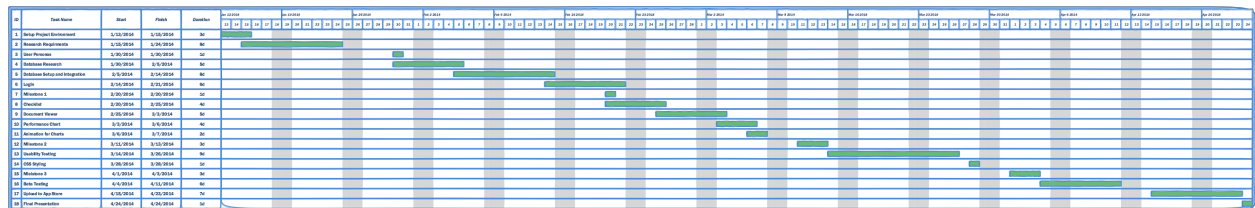
## Intended Progress

For Milestone 1, we set the following goals:

- Setup environments
- Research requirements
- Cover user personas
- Research possible databases
- Setup Parse database and integrate
- Create login and sign up scenes
- Pixate framework integration for Milestone 1

## Gantt Chart

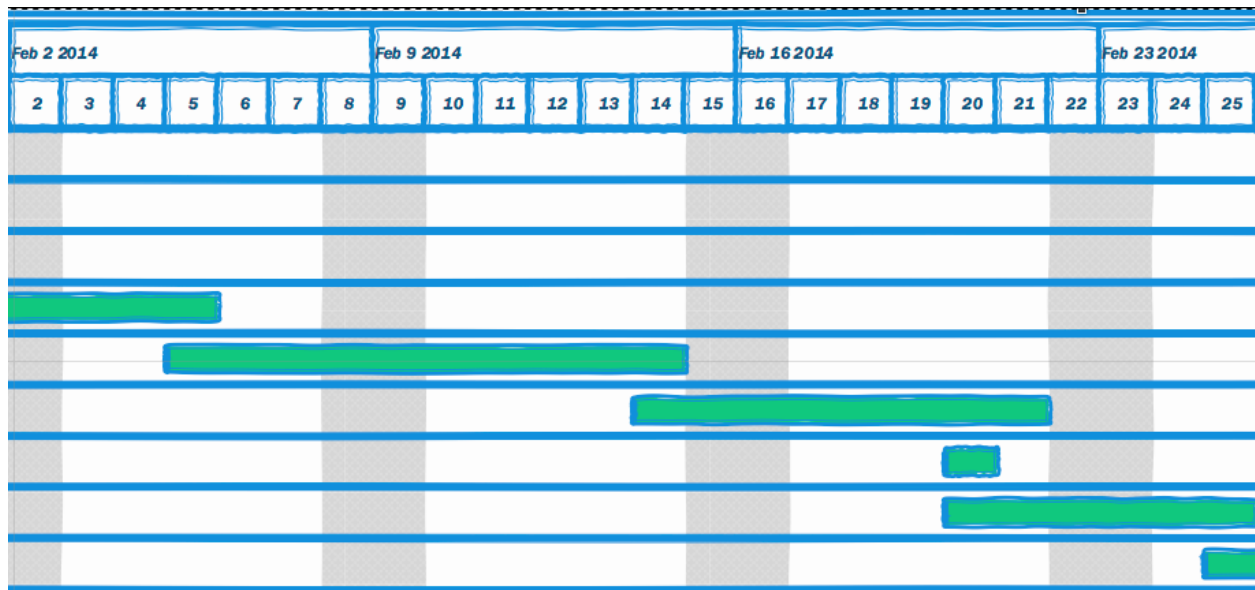
Our Gantt chart is very large, so it will be hard to see in the printout:



Here's a closer view of the left side of the chart:

ID	Task Name	Start	Finish	Duration	Jan 12 2014					
					13	14	15	16	17	18
1	Setup Project Environment	1/13/2014	1/15/2014	3d						
2	Research Requirments	1/15/2014	1/24/2014	8d						
3	User Personas	1/30/2014	1/30/2014	1d						
4	Database Research	1/30/2014	2/5/2014	5d						
5	Database Setup and Integration	2/5/2014	2/14/2014	8d						
6	Login	2/14/2014	2/21/2014	6d						
7	Milestone 1	2/20/2014	2/20/2014	1d						
8	Checklist	2/20/2014	2/25/2014	4d						

And here's a look at the current range of dates a little farther down the chart:



## Progress To Date

We have accomplished all of our set goals until this point. Our private GitHub repo was very simple to integrate into XCode 5. During our second meeting with our client, we covered user personas and scenarios. From this meeting we found that we only need two users, an admin user and a (more restricted) staff user.

The database contains user accounts along with many reference documents. Since the document structures vary, we needed a flexible database. We chose to go with a NoSQL type database instead of a relational database, giving us the flexibility we desire.

## Setbacks

Although we're on track, we did face a few setbacks. The following list explains a few of the reasons our development started slowly:

- The initial meeting was fairly vague and we didn't go over much detail pertaining to the application.
- The second meeting didn't happen until week 5 of the semester, seriously delaying getting a good overview of necessary features and layout.

- We still haven't received any condition documents from Spectrum. Without at least a partial list of conditions and their protocols, we are unable to start working on the database that will populate the information in the app.
- Objective-C and iOS development learning curves

## **Goals for Milestone #2**

For the following Milestone, we hope to accomplish the following:

- Integrate a detailed checklist view
- Create a document viewer - a way to display information to the user
- Create simple performance charts for the admin user, perhaps with animations

To continue forward progress with the Team Spectrum application we will have to gather more information and data from our clients at Aeromed.

## **Conclusion**

Despite getting off to a slow start, we have moved forward with the information we have acquired until this time. There is a lot of room for improvement but we have made good use of the tools we decided to use for our application and managed to finish our milestone goals. Now that we're more familiar with the languages and frameworks, development on our application has started moving at a much faster pace.