Team Spectrum

Milestone #3 Progress Report

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Website

Visit http://www.brodyberson.com/aeromed for our team's presentation website. This site is where you'll find our full size Gantt chart and milestone details.

Intended Progress
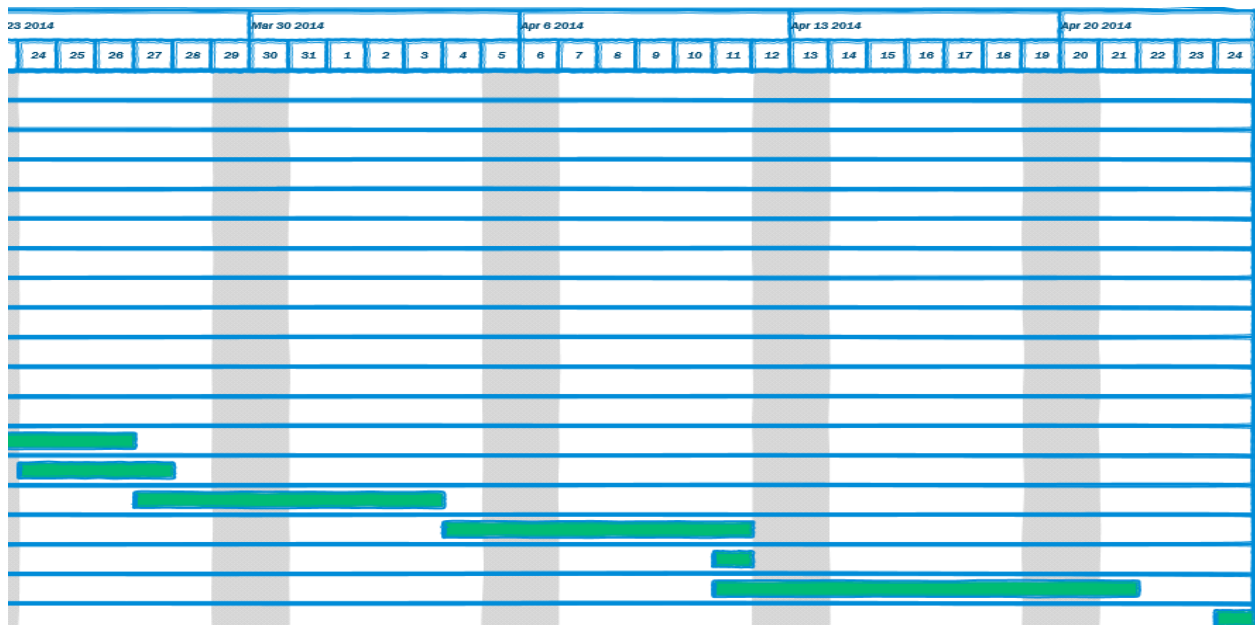
For Milestone 3, we set the following goals:

- Integrate checklist data into graphs
- Show all database documents
- Allow admins to create and edit documents
- Create and view new transport data

Gantt Chart

Here's a closer view of some important dates on the chart:

14	Create New Transports	3/24/2014	3/27/2014	4d
15	Create and Edit Documents	3/27/2014	4/3/2014	6d
16	Graph Data	4/4/2014	4/11/2014	6d
17	Milestone 3	4/11/2014	4/11/2014	1d
18	Test	4/11/2014	4/21/2014	7d
19	Final Presentation	4/24/2014	4/24/2014	1d

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

Progress To Date

Up to this point we have completed almost all the goals we had set for this point in our project. The only thing left to do is get the graph pulling actual transport checklist data, as our demo only shows it pulling randomly generated data. However, all of the data that is randomly generated is fed to the graph in the same manner as the real data would be, so it's just a matter of getting everything communicating correctly.

The document viewer shows all documents from the database. Admin users can create, edit, and delete documents. They can also add custom checklist items for performance diagnostics. There are notification confirmations for removing documents of sections of the documents. The document viewer also allows to add multiple documents to a checklist now. We also switched the card-type layout and went with a faster and more simple collection view layout.

The new transport functionality is working. When there is a new flight to go out on, the user can enter in all of the transport data to be saved into the database for their records. The data from the transport is then loaded into a graph that admins can view. That will display the percentage of completed transport tasks for all the flights in the last 30 days.

We have sent out a test build of the application to our client. We are using the remaining time to finish the graph functionality and testing. If the client wants any tweaks or additional features in the application we should have some time to add a few things.

We also added some visual improvements and a forgot password view, which will email the user with a way to reset their password via the email linked to their account.

Setbacks

Although we completed all of our initial goals, there were a few small setbacks.

- Limited amount of time to work on the project due to homework in other classes
- Objective-C

Goals for Final Presentation

For the last presentation, we are looking to do the following.

- Finish the graphs
- Fix any bugs that we might find with testing
- Potentially add additional features
- UI visual enhancements / overall polish

To continue forward progress with the Team Spectrum application we will have to work closely with our clients at Aero Med to ensure the best user experience.

Conclusion

We are proud of the application so far. We faced some challenges, but we managed to overcome them and complete almost all the goals that our client asked for on time. From here on we will just be testing and making sure that the client is satisfied fully by the application. We want to be sure that we deliver an application that is both usable and useful to our client.