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# Sprint 1 Retrospective

## 20190204 - Sprint 1 Retrospective Meeting Minutes

### Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

**Start time:** 11:00am

**End time:** 12:00pm

### What went wrong?

- Communication between product owners and the developing team needs to be improved.
- The data from the DB1B database was too large to be processed using the pandas framework. This was a big impediment throughout a large part of the sprint.
- The size estimation of the user stories could be improved since we had a couple of unfinished user stories at the end of the sprint.

### What went right?

- The development team was able to successfully use the Bitbucket system to manage and collaborate on the code for the user interface.
- The design of the dashboard was accepted and we will continue to build on top of it in the next sprint.

### How to address the issues in the next sprint?

- The development team needs to post more often on the hipchat report room to try to get immediate feedback on the work being done.
- If the team is unable to receive feedback from the Product owners through hipchat, then they should reach out through email to get additional information on user stories and issues.
- In the next sprint, the team should strive to complete every user story that was pulled into the sprint.

# Sprint 2 Retrospective

## 20190218 - Sprint 2 Retrospective Meeting Minutes

### Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

**Start time:** 11:00 am

**End time:** 12:15 pm

### What went wrong?

- Although we are receiving more feedback from the product owners, communication between the team and the product owners could still be improved.
- Some of the completed features still need some work so we need to include bugs on the next sprint.
- Some graphs will have to be changed due to the granularity of the data coming from the model implemented by the graduate student team.

### What went right?

- The team successfully estimated the velocity for sprint because we were able to complete all of the user stories assigned to sprint 2.
- The team did a good job on estimating the amount of hours for each user story and we were able to successfully complete most of them with just one bug which will be addressed in sprint 3.
- The team was able to meet regularly according to our schedule and we were able to deliver the features in time.

- We were able to communicate successfully with the graduate student team and exchange data back and forth for the visualizations

How to address the issues in the next sprint?

- How to improve the process?
  - We can improve the process by increasing the rate of communication with the product owners to overcome impediments quickly and avoid wasting our time on unnecessary details.
  - We could improve the communication within the team so that impediments are resolved quickly and integration occurs smoothly.
- How to improve the product?
  - The product could be improved by solving some of the bugs with the columns.
  - Labels for the x and y axis should be added to every graph so that the user is aware of the type of data being visualized.

## Sprint 3 Retrospective

**20190304 - Sprint 3 Retrospective Meeting Minutes**

Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

Start time: 2:30 PM

End time: 3:30 PM

What went wrong?

- Although we are receiving more feedback from the product owners, communication between the team and the product owners could still be improved.
- Some stories were incomplete because of communication between the team and the graduate students
- Some of the completed features still need some work or need to be modified

What went right?

- The team did a good job on estimating the amount of hours for each user story and we were able to successfully complete most of them except for the visualization wrapper which will be pulled into the next sprint.
- The team was able to meet regularly according to our schedule and we were able to deliver the features in time.
- We were able to communicate successfully with the graduate student team and exchange data back and forth for the visualizations
- A lot of functionality for the plug-in architecture was completed

How to address the issues in the next sprint?

- How to improve the process?
  - We can improve the process by increasing the rate of communication with the product owners to overcome impediments quickly and avoid wasting our time on unnecessary details.
  - We could improve the communication within the team so that impediments are resolved quickly and integration occurs smoothly.
- How to improve the product?
  - The product could be improved by completing all the features pulled into the sprint.
  - Attributes of certain visualizations could be improved.

## Sprint 4 Retrospective

**20190318 - Sprint 4 Retrospective Meeting Minutes**

Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

Start time: 1:00 PM

End time: 2:00 PM

What went wrong?

- Did we do a good job estimating our team's velocity?
  - I think we failed at estimating the team's velocity because we couldn't complete all the user stories in the sprint.
- Did we do a good job estimating the points (time required) for each user story?
  - Yes the story points were estimated correctly and they represented the difficulty of each user story.
- Did each team member work as scheduled?
  - Yes the team followed the schedule successfully.

What went right?

- All the meeting were held successfully and the product owners were satisfied with the stories from this sprint.

How to address the issues in the next sprint?

- How to improve the process?
  - I think we need to ask more questions during the planning meetings to acquire the actual functionalities and the details about the users instead of the technologies that they want to use to accomplish these functionalities.
- How to improve the product?
  - I think we can improve the product by focusing on the backend before continuing with the frontend

## Sprint 5 Retrospective

### 20190401 - Sprint 5 Retrospective Meeting Minutes

Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

Start time: 1:00 PM

End time: 2:00 PM

What went wrong?

- Did we do a good job estimating our team's velocity?
  - We did a good job estimating the velocity since we were able to complete every user story that was pulled into the sprint.
- Did we do a good job estimating the points (time required) for each user story?
  - Yes the story points were estimated correctly and they accurately represented the difficulty of each task.
- Did each team member work as scheduled?
  - Yes the team was able to follow the schedule and work as planned in the sprint planning meeting.

What went right?

- We were able to focus on the goal of the sprint and work together toward the goal of starting the processing pipeline and adding interactive features to the prediction graphs.

How to address the issues in the next sprint?

- How to improve the process?
  - I believe we can improve the process by identifying the hurdles early on and dealing with them as a team and as quickly as possible.
- How to improve the product?
  - To improve the product we can start thinking about performance of the user interactions and how to make them as efficient as possible.

# Sprint 6 Retrospective

## 20190415 - Sprint 6 Retrospective Meeting Minutes

Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

Start time: 1:00 PM

End time: 2:00 PM

What went wrong?

- Did we do a good job estimating our team's velocity?
  - We did a good job estimating the velocity since we were able to complete every user story that was pulled into the sprint.
- Did we do a good job estimating the points (time required) for each user story?
  - Yes the story points were estimated correctly and they accurately represented the difficulty of each task.
- Did each team member work as scheduled?
  - Yes the team was able to follow the schedule and work as planned in the sprint planning meeting.

What went right?

- We were able to focus on the goal of the sprint and work together toward the goal of starting the processing pipeline and adding interactive features to the prediction graphs.

How to address the issues in the next sprint?

- How to improve the process?
  - I believe we can improve the process by identifying the hurdles early on and dealing with them as a team and as quickly as possible.
- How to improve the product?
  - To improve the product we can start thinking about performance of the user interactions and how to make them as efficient as possible.

# Sprint 7 Retrospective

## 20190428 - Sprint 7 Retrospective Meeting Minutes

Attendees:

- Dev Team: Serge Metellus, Tomas Ortega
- Product Owners: Steven Luis, Miguel Alonso Jr.
- Team of graduate students

Start time: 1:00 PM

End time: 2:00 PM

What went wrong?

- N/A. The team successfully completed the project

What went right?

- We were able to completed the project.

How to address the issues in the next sprint?

- N/A. There is no next sprint for us.