Sprint Planning

20190122 : Sprint 1 Planning Meeting Minutes

Attendees: Tomas Ortega, Serge Metellus, Prof. Steven Luis, Dr Miguel Alonso, Team of graduate students.

Start time: 11:00am

End time: 12:30pm

After discussion, the velocity of the team were estimated to be 50

Our goal for this sprint is to familiarize ourselves with the technologies that the team of graduate students used to get the data and create their data visualizations. We Also plan on creating a rough sketch of the user interface and decide on the technologies required for the implementation of the web application.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story 📑 **WFMG-13** - User Interface DONE
- User Story 📑 **WFMG-12** - Display data as a line plot DONE
- User Story 📑 **WFMG-2** - Display Distribution of data DONE
- User Story 📑 **WFMG-3** - Filter data by time. DONE
- User Story 📑 **WFMG-4** - Organize charts into columns to identify trends DONE

The team members indicated their willingness to work on the following user stories.

- Tomas Ortega
  - 📑 **WFMG-13** - User Interface DONE
    - ☑ **WFMG-18** - Create a template for organizing the graphs DONE
    - ☑ **WFMG-17** - Create a Navigation Bar DONE
  - 📑 **WFMG-12** - Display data as a line plot DONE

- Serge Metellus
  - 📑 **WFMG-2** - Display Distribution of data DONE
  - 📑 **WFMG-3** - Filter data by time. DONE
  - 📑 **WFMG-4** - Organize charts into columns to identify trends DONE

Sprint 2 Sprint Planning

20190204 - Sprint 1 Planning 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: 12:00 PM

After discussion, the **velocity** of the team were estimated to be 50.

The goal for this sprint is to use the predictive model in the visualizations and finish the user stories from sprint 1

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story   ~~WFMG-19~~ - Fare price visualization   DONE
- User Story   ~~WFMG-2~~ - Display Distribution of data   DONE
- User Story   ~~WFMG-3~~ - Filter data by time.   DONE
- User Story   ~~WFMG-4~~ - Organize charts into columns to identify trends   DONE

The team members indicated their willingness to work on the following user stories.

- Serge Metellus
  - ~~WFMG-3~~ - Filter data by time.   DONE
  - ~~WFMG-4~~ - Organize charts into columns to identify trends   DONE

- Tomas Ortega
  - ~~WFMG-2~~ - Display Distribution of data   DONE
  - ~~WFMG-19~~ - Fare price visualization   DONE

Sprint 3 Sprint Planning

20190218 : Sprint 3 Planning 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: 12:00 PM

After discussion, the **velocity** of the team were estimated to be 52.

Goal: The goal for this sprint is to implement the necessary classes for the inference and visualization models and to include them in the view and controller of the application.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story 🔖 **WFMG-24** - Visualization wrapper DONE
- User Story 🔖 **WFMG-23** - Model wrapper DONE
- User Story 🔖 **WFMG-22** - Adjust Prediction Parameters DONE
- User Story 🟧 **WFMG-25** - Fix column layout DONE
- User Story ⬆️ **WFMG-26** - Modify the fare price visualization DONE

The team members indicated their willingness to work on the following user stories.

- Tomas Ortega
  - User Story 🔖 **WFMG-23** - Model wrapper DONE
  - User Story 🔖 **WFMG-22** - Adjust Prediction Parameters DONE
  - User Story ⬆️ **WFMG-26** - Modify the fare price visualization DONE
- Serge Metellus
  - User Story 🔖 **WFMG-24** - Visualization wrapper DONE
  - User Story 🟧 **WFMG-25** - Fix column layout DONE

Sprint 4 Sprint Planning

20190304 - Sprint 4 Planning 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

After discussion, the velocity of the team were estimated to be 59.

Goal: The goal for this sprint is to finish the visualization classes and start working on the data collection and being able to change the historical data by dragging the data points across the screen.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story 🔖 **WFMG-24** - Visualization wrapper DONE
- User Story 🔖 **WFMG-32** - Description of data files DONE
- User Story 🔖 **WFMG-33** - Movable points DONE
- User Story 🔖 **WFMG-34** - Drag Multiple Data Points DONE

The team members indicated their willingness to work on the following user stories.

- Serge Metellus

- User Story   🔖   ~~WFMG-24~~ - Visualization wrapper   DONE
- User Story   🔖   ~~WFMG-32~~ - Description of data files   DONE
- Tomas Ortega
  - User Story   🔖   ~~WFMG-33~~ - Movable points   DONE
  - User Story   🔖   ~~WFMG-34~~ - Drag Multiple Data Points   DONE

Sprint 5 Sprint Planning

20190318 - Sprint 5 Planning Meeting Minutes

Attendees:

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

Start time: 1:30 PM

End time: 2:00 PM

After discussion, the **velocity** of the team were estimated to be **47.**

Goal: The goal for this sprint is to get the data science pipeline going. We are going to add data cleaning and pre-processing steps to the workflow manager application.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story   🔖   ~~WFMG-34~~ - Drag Multiple Data Points   DONE
- User Story   🔖   ~~WFMG-35~~ - Reset graph button   DONE
- User Story   🔖   ~~WFMG-39~~ - Data Processing/Preprocessing   DONE
- User Story   🔖   ~~WFMG-40~~ - Retrain Model on Point Movement Events   DONE

The team members indicated their willingness to work on the following user stories.

- Serge Metellus
  - User Story   🔖   ~~WFMG-35~~ - Reset graph button   DONE
  - User Story   🔖   ~~WFMG-39~~ - Data Processing/Preprocessing   DONE
- Tomas Ortega
  - User Story   🔖   ~~WFMG-34~~ - Drag Multiple Data Points   DONE
  - User Story   🔖   ~~WFMG-40~~ - Retrain Model on Point Movement Events   DONE

Sprint 6 Sprint Planning

20190401 : Sprint 6 Planning 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

After discussion, the **velocity** of the team were estimated to be **41.**

Goal: The goal for this sprint is to implement the necessary classes for the inference and visualization models and to include them in the view and controller of the application.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story   🔖   **WFMG-41** - Random Forests Model   DONE
- User Story   🔖   **WFMG-42** - Random Forest Visualization   DONE
- User Story   🔖   **WFMG-43** - Multivariate Time Series Analysis Model   DONE
- User Story   ⬆   **WFMG-44** - Fix Layout and Styling Issues   DONE
- User Story   ⬆   **WFMG-45** - User Interface Improvements   DONE

The team members indicated their willingness to work on the following user stories.

- Serge Metellus

    - User Story   ⬆   **WFMG-44** - Fix Layout and Styling Issues   DONE
    - User Story   ⬆   **WFMG-45** - User Interface Improvements   DONE

- Tomas Ortega
    - User Story   🔖   **WFMG-43** - Multivariate Time Series Analysis Model   DONE
    - User Story   🔖   **WFMG-41** - Random Forests Model   DONE
    - User Story   🔖   **WFMG-42** - Random Forest Visualization   DONE

Sprint 7 Sprint Planning

20190416 : Sprint 7 Planning 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

After discussion, the velocity of the team was estimated to be 35.

Goal: The goal for this sprint is to complete all the required documentation for the final project and prepare for the presentation.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story ☑ **WFMG-46 - Presentation** DONE
- User Story ☑ **WFMG-47 - Document** DONE
- User Story ☑ **WFMG-48** - Prepare the Workflow Manager for presentation demo DONE
- User Story ☑ **WFMG-49** - Prepare the final deliverable DONE

The team members indicated their willingness to work on the following user stories.

Both team members will be contributing to all user stories