MGT 656 - Class Project

Software Development Project Status Report

Sprint 5

Professor Kyle Jensen



Team: Morning-Leaf

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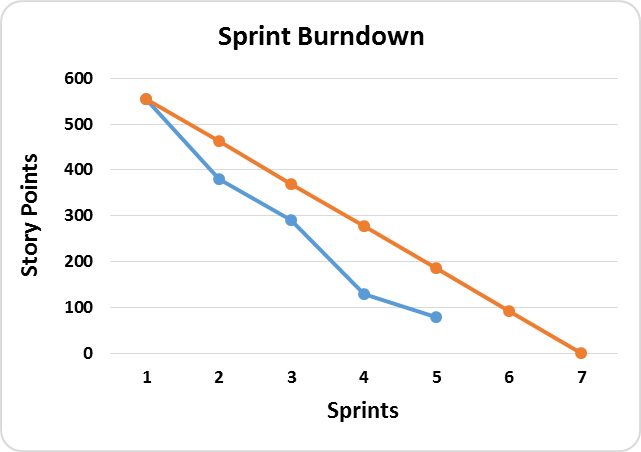
November 30, 2015

**Sprint 5**

Heroku application address: (<https://mgt656-morning-leaf.herokuapp.com/>)

Version control: (<https://github.com/Morning-Leaf/morning-leaf-reporting>)

**Burndown Chart**



**Labels**

**Ideal Burndown**

**Actual Burndown**

**Sprint Completed Stories**

1. U10 - Task 1 - Design layout for the application
2. U10 - Task 2 - Get images for the application
3. U11 - Task 1 - Include universal google analytics tracking code in the application

During the Sprint 5 the team was very well organized, because we already knew the user stories that we were going to work and develop for the sprint. During our meeting we discuss how we were going to include the new user stories 10, 11 and 12 in our project. We analyzed each user story and decided the tasks each member was going to work on. We didn’t had any big issue with the user stories that were developed and concluded. But there was an issue that we found in our application. The issue was that every time that we create a new event after several hours it disappears, we asked a TA and it told us that this was due to the fact that there is not enough memory because we are running the application in Heroku.

During Sprint 5 we reestimated our burndown chart, because we integrated three additional user stories (10, 11 and 12) these had a weight of 130 extra points. This integration changed our 425 story point’s estimates that we had developed at the beginning of the project. This change gave us a final 555 story point’s estimate for our project. We finished the user stories tasks 10 and the task 1 of user story 11. This led us to a result of 50 story points for this sprint. From the 555 story points that we reestimated for the 7 sprints of the final project, we have completed the 475 story points which lives us with 80 story points at the moment. We have been able to manage more than 93 story points per sprint that would have been the ideal burndown chart. Now we will concentrate in the tasks that are missing from user stories 11 and 12. The estimations that we did since the beginning have been very accurate with what we expected. We have been using waffle to distribute the activities and also we have google docs so that all the team members can be informed of the tasks they have to deliver. But the most important is the team meetings that we have every week to discuss the important issues of the project.

**Sprint Backlog**

During Sprint 5 we were able to manage and finished all the tasks that we had planned for the sprint that were task 1 and 2 from user story 10 and task 1 from user story 11.



**Product Backlog**



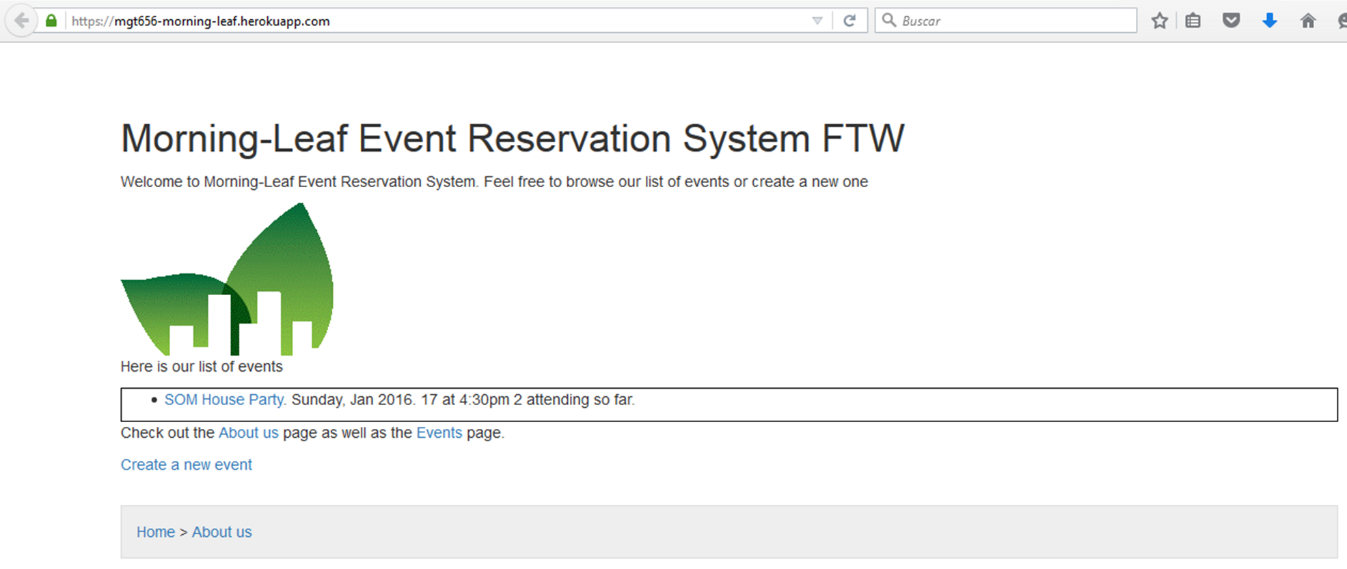
During sprint 4 we had finished all the user stories that we had been asked to do. But in this sprint we had to reestimated issues that are important to have in our application and also the google analytics issue that stakeholders want. Because of this the work that we have to develop has increased but it is all under control. Also we are waiting for future user stories that may come from stakeholders and this will create a change in our burndown chart and in the project, like the one that we experimented in this sprint.

For Sprint 6 we are going to work on the following tasks:

1. U11 - Task 2 - Create experiment with google analytics to include the RSVP text in each event
2. U11 - Task 3 - Include code for AB testing for the donations bottom
3. U12 - Task 1 - Generate CSS HTML files for new layout
4. U12 - Task 2 - Update application with new HTML and CSS files
5. Future user stories that may came from stakeholders
6. Analyze traffic data to our site

**What is Morning-Leaf Developing?**

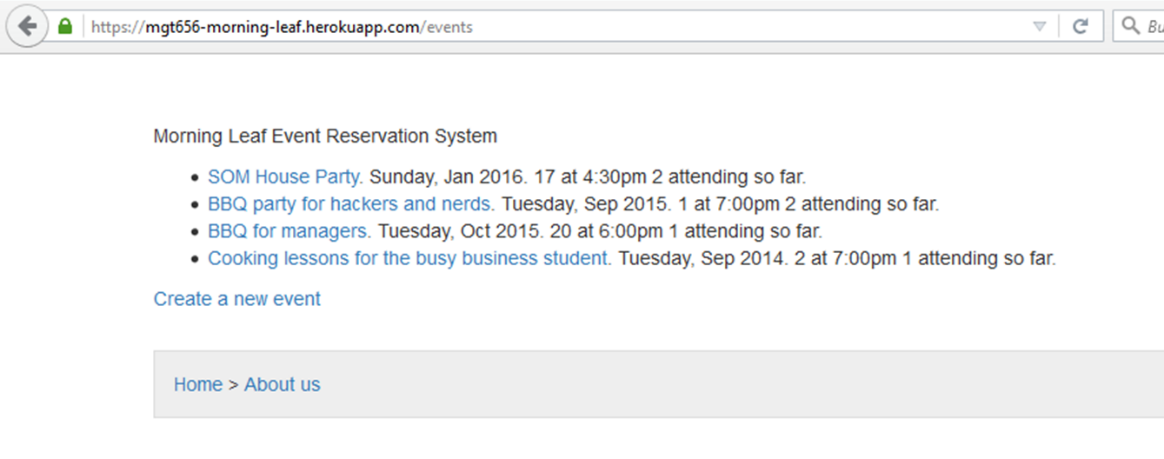
We will also want to remember you our stakeholders that the application that we are developing is an application that allows users to create and RSVP for upcoming events. During each sprint our application has been improving. At the moment the application looks like the next figures 1, 2, 3, 4, 5, 6, 7, 8 and 9.



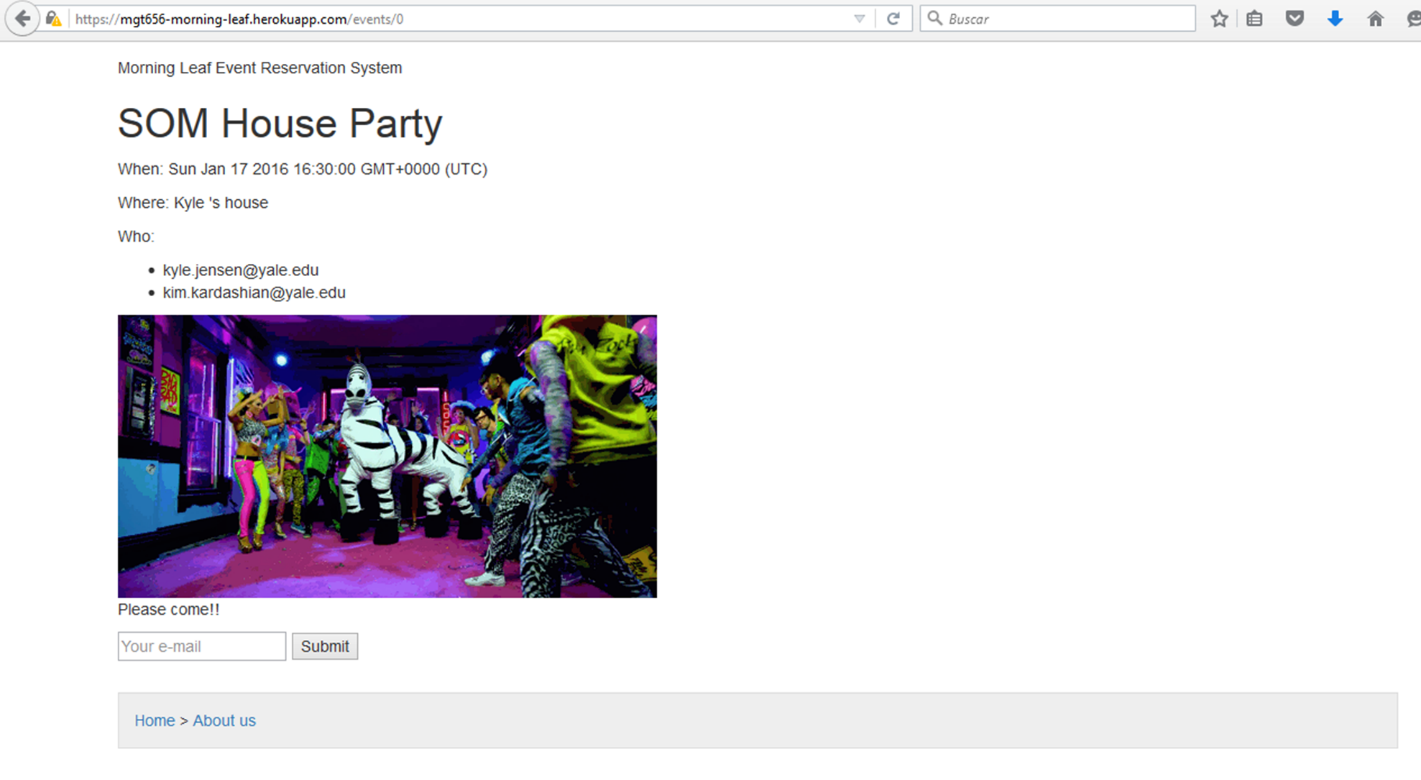
***Figure 1***



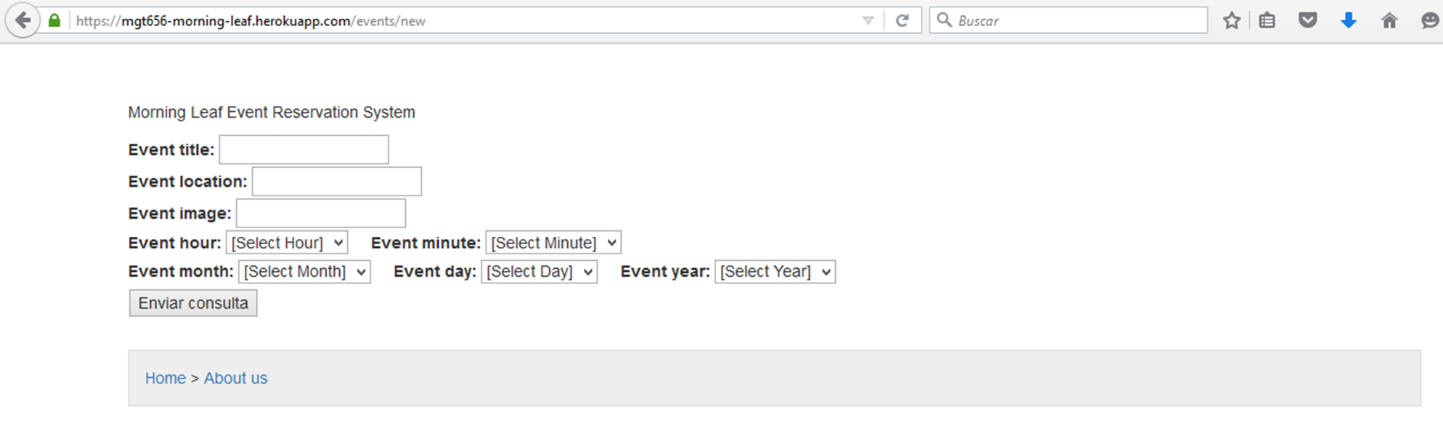
***Figure 2***



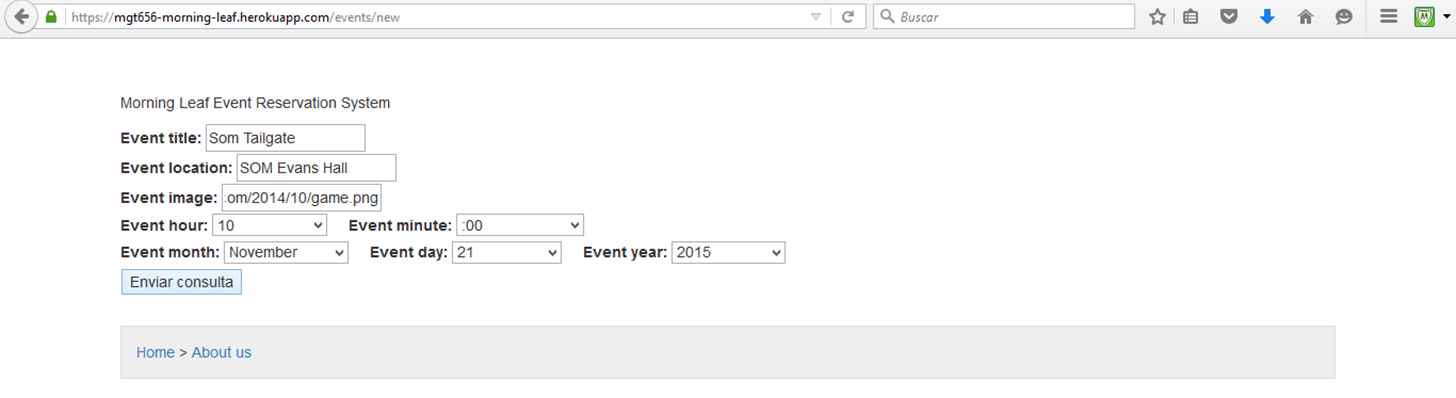
***Figure 3***



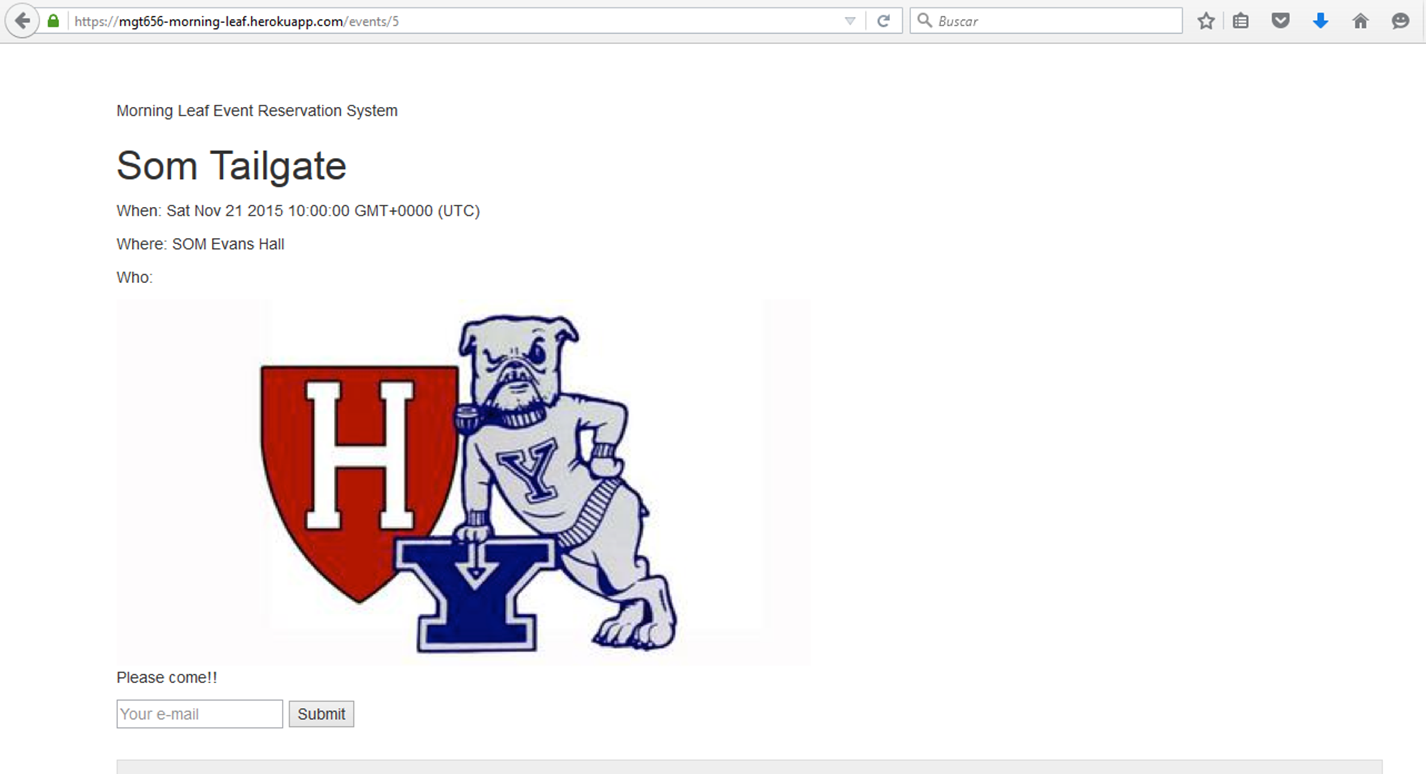
***Figure 4***

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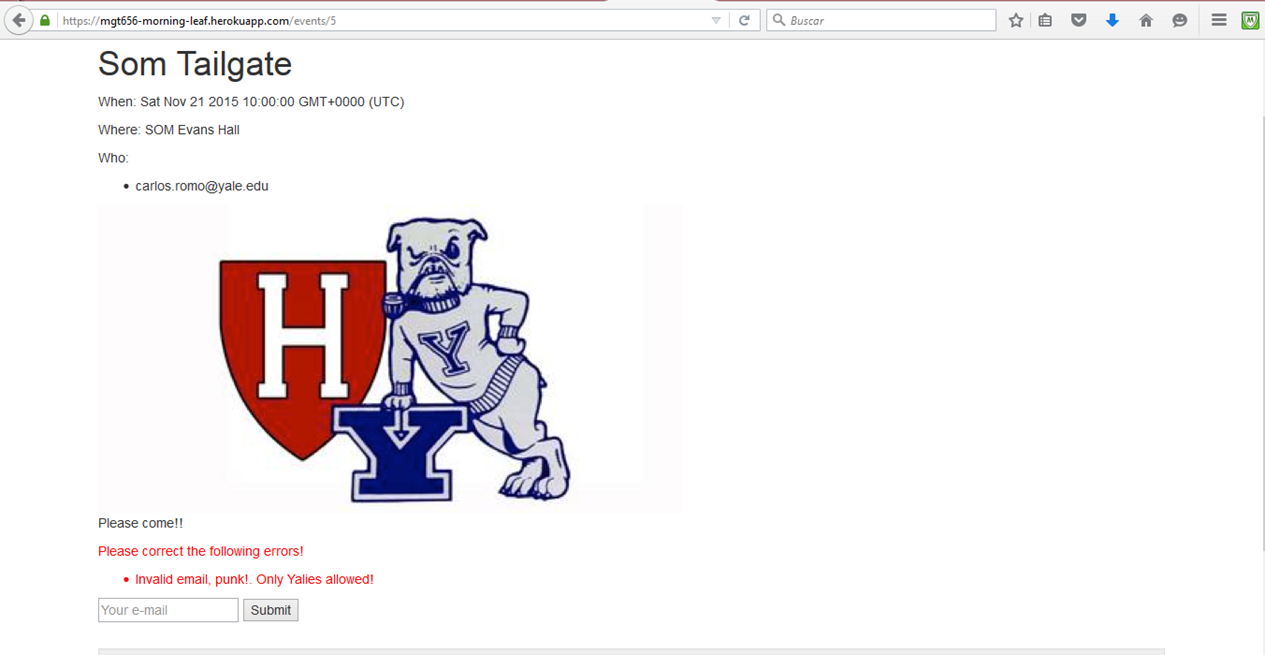
***Figure 5***

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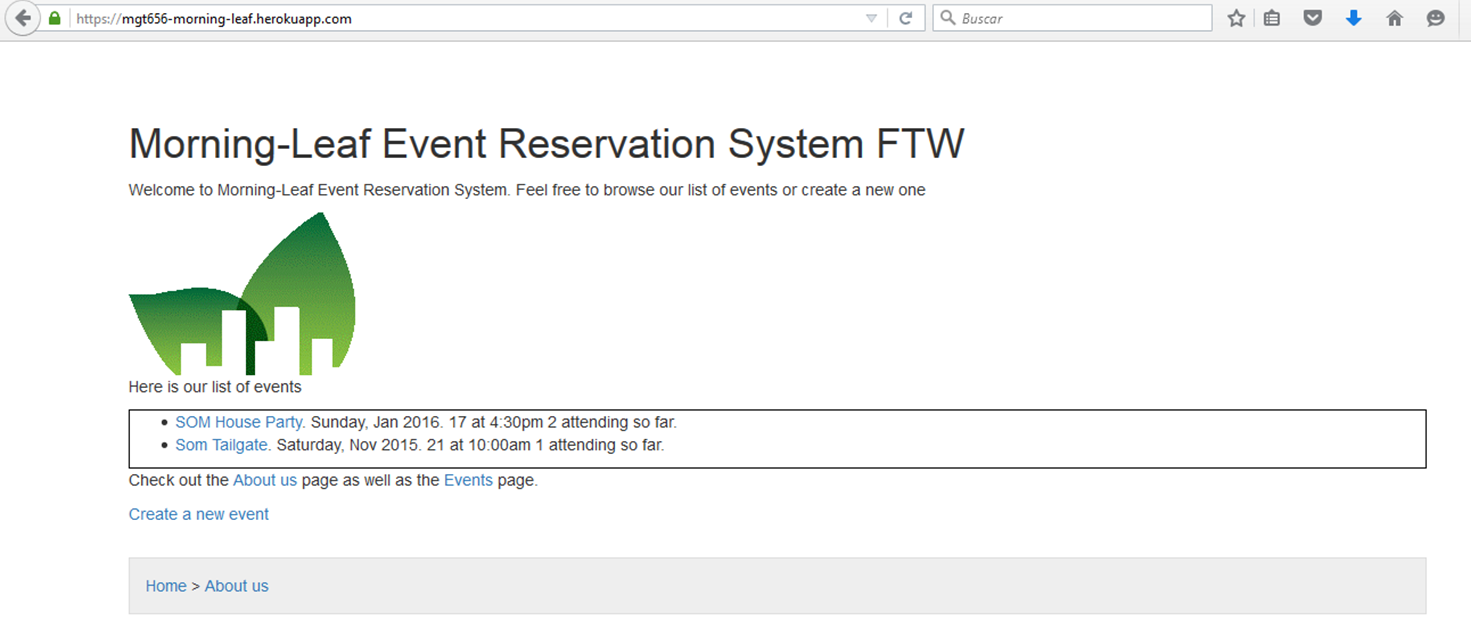
***Figure 6***

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***Figure 7***

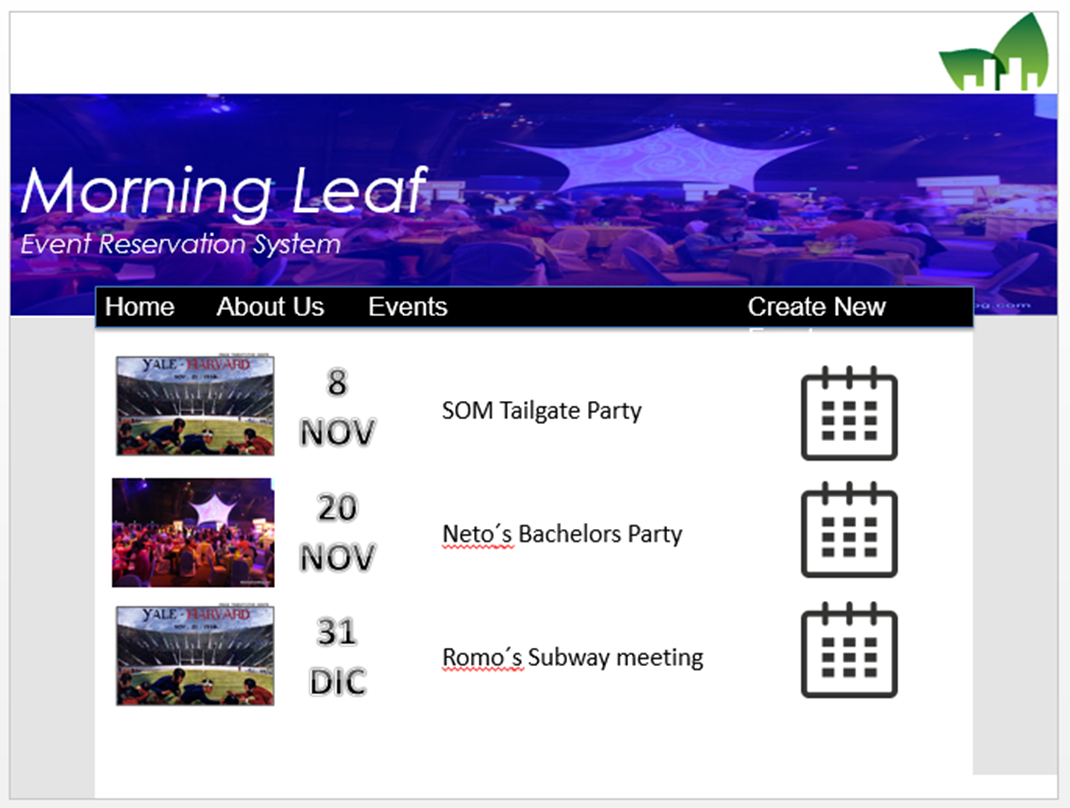
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***Figure 8***

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***Figure 9***

For this Sprint in figure 10 you will see the layout that we are going to use on the application and that was developed by the team. Also we have the images that will be used on the application in figure 11, 12 and 13 we show you some examples. An finally we show you some of the code of google analytics that is already in the application in figure 14.



***Figure 10***



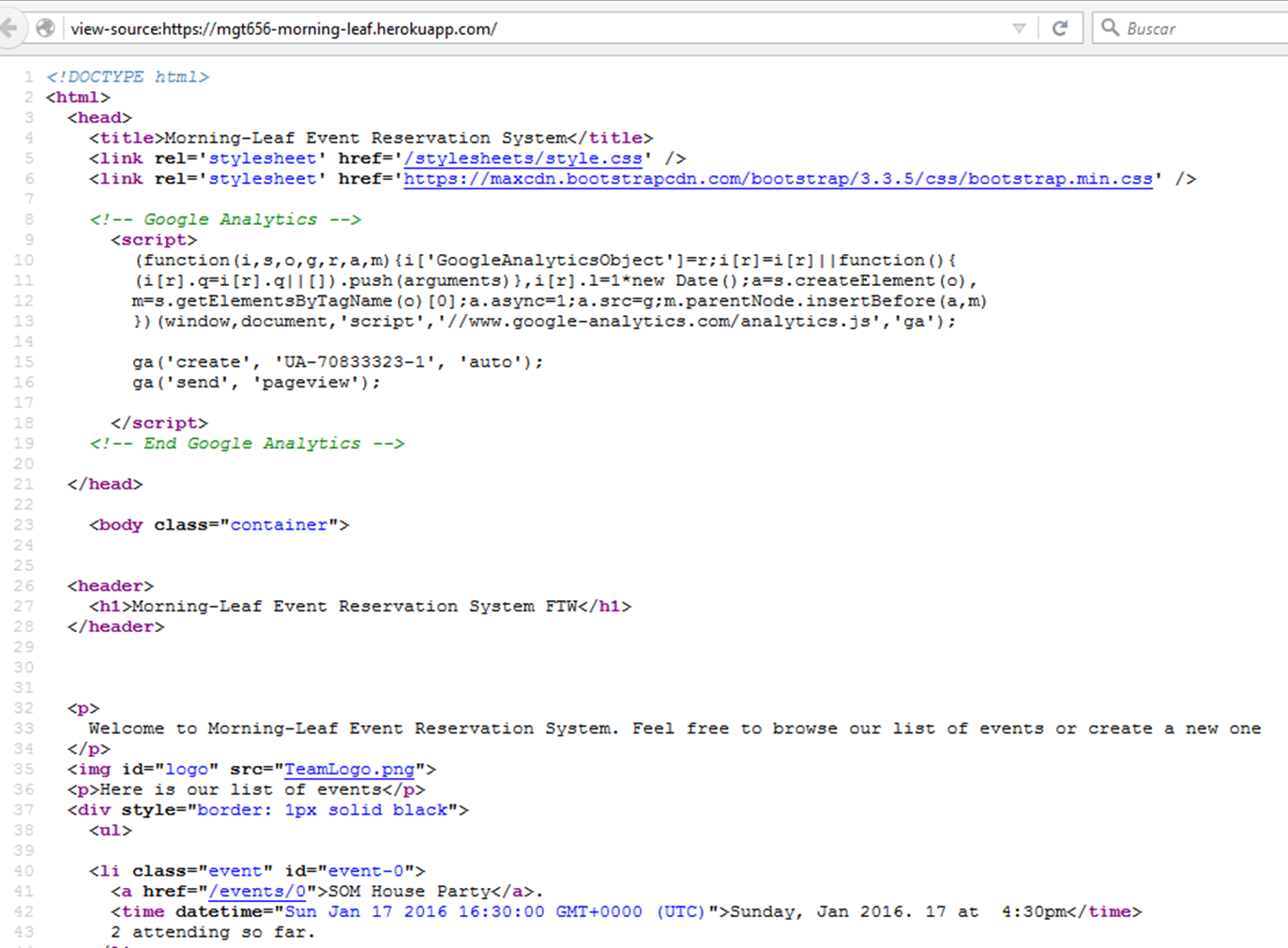
***Figure 11***

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***Figure 12***

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***Figure 13***



***Figure 14***

We hope that with this information you have a better knowledge of what the team Morning-Leaf has been doing to develop this application and the importance of the team on delivering high quality on the product. In next sprint we will finish all the user stories of the project.