DEsign and testing

Petournament group 5

Sprint Retrospective

# Sprint 1

As mentioned on the wiki of this Project Sprint 1 began on March 2 and ended on March 29. **The level at which this application is presented is Level 2.**

Our working group consists of 5 people, therefore we have divided into 2 subgroups, group one consisting of Guillermo Garrido Jiménez, Joaquín González Ruiz and Manuel Ales Rodríguez and subgroup 2 consisting of Alejandro Barranco Castro and Juan Manuel Valera Amaya.

## work organization

Subgroup one had 6 user stories assigned, so in that subgroup each member had made 2 user stories and subgroup two had 5 user stories, where one member made 2 stories and another made 3 stories.

For the development and integration of user stories in the project, we have first developed for this sprint user stories with entities that have the fewest possible relationships with other entities, in this way we have been able to implement user stories without depending on that no other user story was finished.

When we have finished implementing the main user stories, we started to add the functionalities related to user management, then we started to do unit tests for the user stories, following the same organization as the implementation of these stories.

To manage the project's GitHUb repository, we create a develop branch and from there each integrant creates a branch with the identification "feature/user\_story\_name", when a user story is terminated a merge is done with the develop branch, the Implementation of the user management functionalities was done from the develop branch by the Project manager and tests were done from branches with the identification "feature/test\_user\_story\_number" and "feature/tests\_member\_team". When the project is finished, it merges with the master branch.

## Sprint ANalysis

In the first week of March the UML diagram that we were going to use for the project was made and we started to implement and create the java domain until March 12, from that day on we started to make user stories.

At the beginning of the third week of March we had only completed user stories 1 and 2, but in that week we finished user stories 3, 4, 5, 6, 10, 12, and 14. In the last week of the sprint we ended user story 7 and 8. After implementing the user management functionalities, the sprint was completed performing unit tests of the user stories and travis implemented in the project repository.

In conclusion I think we started working on user stories a little late, however from the third week on we had most of the work done. In some stories of users of subgroup 1 we had to work together, but in general we have worked on an individual basis.

### Estimated hours for the completion of user stories

Subgrupo 1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Group member\User story | #1 | #2 | #7 | #8 | #10 | #12 | User management |
| Manuel Ales Rodríguez |  | 30 minutes | 4 hours | 3 hours |  |  |  |
| Guillermo Garrido Jiménez | 2 hour |  | 2 hours | 30 minutes | 1 hour | 1 hour | 2 hours |
| Joaquín González Ruíz | 2 hours | 1 hour |  |  |  |  |  |

Subgrupo 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Group member\User story | #3 | #4 | #5 | #6 | #14 |
| Alejandro Barranco Castro |  | 2 hours | 2 hours | 2 hours |  |
| Juan Manuel Varela Amaya | 3 hours |  |  |  | 3 hours |

In addition to the user stories, we have held 3 meetings in which the first 2 lasted 2 hours and the last 1 hour and a half (which were on February 27 before start the sprint, March 2 and March 5).