| Context Project: Multimedia Services | | Reflection on Iteration #5 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Group: 1 | | | | | | | 29-5-2015 | |
| User Story | Github/ Waffle.io Issue # (sorted by priority) | Summary | Task Originally Assigned To | Estimated Effort | Actual effort | Done | | Notes |
| | | | | Storypoints (1 sp ~ 2 hours) | Hours | Y/N | By | |
| As a User, I want the system to change to the next song after the previous song is finished | FRONTEND-32 | Frontend: switch songs automatically | Eva | 3 | 4 | N | Eva | Refactoring had a higher priority in order to deter merge conflicts if we would develop this issue in parallel. The hours used for this ticket has been used to design the actual feature, but not implementing it. |
| | CORE-94 | Backend: Improve room instance, continue songs | Jaap | 4 | 8 | Y | Jaap | |
| As a developer, I want to improve the maintainability and testibility of my code | CORE-86 | Rebase room instances on the new room API's | Jan-Willem | 2 | 2 | Y | Jan-Willem | |
| | FRONTEND-33 | Frontend: refactor room list, use state params and state resolve | Jan-Willem; Gijs (pair) | 4 | 8 | Y | Gijs | |
| | FRONTEND-34 | Frontend: refactor song/room logic, proper service usage | Jan-Willem; Gijs (pair) | 4 | 6 | Y | Jan-Willem | |
| | CORE-96 | Backend:  Move some responsibilities away from DAO's | Tim | 1 | 3 | Y | Tim | |
| | CORE-97 | Backend: improve testability of API's, usage of exceptionmappers | Jaap | 4 | 8 | Y | Jan-Willem and Jaap | Jan-Willem created the exception mappers and Jaap tested them and other classes. |
| As a developer, I want to have more confidence in the system by writing additional tests | CORE-95 | Backend: Increase code coverage on API's and inner structures (but not the DAO's) | Tim | 5 | 10 | Y | Tim | |
| As a SIG auditor, I want the code to be easily reviewable with our static analysis tools | CORE-93 | Prepare delombok and run code analysis tools to catch big potential issues before the SIG review | Tim | 2 | 9 | Y | Tim and Jan-Willem | Maven site caused some problems, but in the end it was solved together with delombok |
| As a developer, I want to update the Emergent Architecture Report to cope with the changes that have been made. | MAIN-46 | Update Emergent Architecture Report | Eva | 4 | 8 | Y | Eva | |
| As a external developer, I want to have a good overview of the source code by reading the JavaDoc | CORE-104 CORE-105 | Update and add all JavaDoc for all methods and classes | - | - | 4 | Y | Tim | |

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| As a tester, I want to have a bootstrapper which can create a custom environment for a test | CORE-107 | Create a bootstrapper that can drop a database and insert data according to a pre-specified (in JSON-format) environment | - | - | 6 | Y | Jan-Willem | This was originally not on the sprint but was useful to both test the database layer of the application. The use was later extended in such a way that the bootstrapper is also able to initialize a test environment when the application is run under development. |
| As a MoodCat user, I want to read usage instructions of the system on an about page | FRONTEND-36 | Write usage instructions on the about page to inform the user how the system can be used in its maximum potential | - | - | 1 | Y | Gijs | Can be found on /about |
| As a group member, I want to have a sprint reflection on the last sprint and a sprint planning for the upcoming sprint | N/A | Write sprint reflection for this sprint | Lead by Gijs | 1 | 2 | Y | Lead by Gijs | |
| | N/A | Write sprint planning for upcoming sprint | Lead by Gijs | 2 | 4 | Y | Lead by Gijs | |
| As a group, we want to schedule SCRUM meetings at the start of the day (9:00 AM) | N/A | We will have daily SCRUM meetings | Lead by Gijs | 3 | 6 | Y | Lead by Gijs | |
| As a group, we want to schedule a meeting with the client at the end of the sprint | N/A | We will have a meeting with our context manager, software engineering teaching assistant and context assistant (our main client) | Lead by Jan-Willem | 1 | 2 | Y | Lead by Jan-Willem | |
| As a development team, when a pull-request is submitted, we want to review the changes supplied in order to merge the pull-request | N/A | Every pull-request will be reviewed by at least 2 group members. They placed comments for code updates and accepted the pull-request when it is ready to be merged | Lead by Jan-Willem | 8 | 16 | Y | Lead by Jan-Willem | |
| | | | Total | 48 | 107 | | | |

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| Reflection |
|---|
| Initially we did not have a lot of issues on our product backlog as we anticipated on the midterms and the monday day-off. However, during the sprint we realized we were able to do more preperations for SIG and improving code quality + tests. Therefore we added some more issues regarding these upgrades. |
| The room refactoring was done late in the sprint, since the changes are fundamental and big. We first wanted to change the frontend accordingly and design the backend architecture before refactoring and implementing the room instances. Therefore the automatic song selection was delayed, as this was blocked by the earlier described issue. |
| Configuring Maven site was a troublesome activity due to a lot of known issues with reporting and plugins in general. With debugging and searching online on QA sites, we were able to fix all errors. |