

Sprint Review 6

Week 7: 30 May - 5 June

| User Story | Tasks | Assigned To | Estimated Effort | Priority | Actual Effort | Finished |
|--|---|-------------|------------------|----------|---------------|----------|
| The user loads his music collection into the application and receives a playlist in under 25 seconds | Optimize sorting algorithm | Felix | 20 hours | High | 10 hours | yes |
| | Add more tests cases | Felix | 5 hours | High | 25 hours | yes |
| The user would like for his tracks to be mixed like a real DJ would. | Use energy levels to determine when to start next track | Davey | 10 hours | High | 0 hours | no |
| | Implement beatmatching | Davey/Roy | 30 hours | High | 15 hours | no |
| | Optimize energy level implementation. | Emiel | 15 hours | high | 22 hours | yes |
| User can see how long a song has been playing when listening to it. | Create GUI progress bar | Millen | 5 hours | Medium | 0 hours | No |
| Upon opening the application, the user is | Implement further GUI | Millen | 15 Hour | Medium | 4 hours | No |

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|--|--|-------|----------|----------|----------|-----|
| welcomed by an attractive GUI | styling | | | | | |
| User don't have to scan for music keys first | Implement and integrate a key finder library | Roy | 15 Hours | Medium | 20 Hours | Yes |
| Users can find a detailed report on the system's architecture and development. | Bring EAD document up to required level | Felix | 5 hours | High | 5 hours | Yes |
| | Sprint plan & review creation | All | 3 hours | Critical | 3 hours | Yes |

Problems encountered

Skip part of a song

Description:

Using the skip functionality of the TarsosDSP library ended up with a lot of errors if the skipping was longer than 2 seconds.

Reaction:

After sending an e-mail to Cynthia, who sent our mail to the developer of TarsosDSP, and receiving an answer Davey went looking into the problem. The developer of TarsosDSP gave some tips of using a kind of 'hack' to get around the errors. This took a lot of time to figure out and implement, but ended up working. This took Davey a lot of time, meaning he could not do all of his tasks.

Travis CI and GUI Testing

Description:

We wanted to integrate the JavaFX testing framework, TestFX, into our project. Travis didn't like this at first. Cost a lot of time.

Reaction:

Was eventually solved by editing the .travis.yml file. It now works like a charm.

Work Ethic

Descrpiton: Millen was seriously slacking this week. Almost no effort from him, not showing up to meetings etc.

Reaction: The group has made it clear that we expect more from him and he will have to make up for this week.