

# Sprint Reflection

Week 2: 1 May - 8 May

User Story	Tasks	Assigned To	Estimated Effort	Actual Effort	Done	Notes
User can open the Application using a GUI	Design GUI	Felix & Milen	5 hours	5 hours	Yes	
	Implement GUI	Felix & Millen	20 hours	25 hours	Yes	Done by Davey & Felix
	Implement Controller	Emiel	10 hours	10 hours	Yes	Done by Davey & Emiel
User can play tracks and tracks will be mixed	Implement intro/outro/drop data storage	Roy	20 hours	20 hours	Yes	
	Improve existing matching algorithm	Davey	5 hours	0 hours	No	Task assigned to Roy now. Unfinished, but has been worked on.
	Implement mixing	Davey	15 hours	5 hours	Somewhat	Only music playback, no mixing transitions yet

# Main Problems Encountered

## Unfinished features

### Description:

Most time estimations were correct this time, though we did not finish all features. This was mostly because a) Millen was ill last week, so we had to reassign certain tasks, and b) we were somewhat ambitious with certain goals (e.g. already trying to mix tracks).

### Reaction:

Millen's absence definitely impacted development, though we think we did an okay job at finishing most planned features. As for features like mixing tracks, we'll start with an interface that can have improved implementations every sprint (instead of trying to accomplish everything at once), so that we can show measurable improvement over time.

## Unplanned additional features

### Description:

We also built features that were outside of the scope of this sprint, but we thought would be useful to have. This mostly has to do with Library (un)serialization.

### Reaction:

We don't think this was a mistake in itself, because the code has proven useful and was demo-able at the end of this sprint. It is an indicator that we should think through the sprint plan more thoroughly beforehand though.

## Modularity

### Description:

In terms of development, we noticed that some tasks depended on each other, in such a way that it blocked progress because people had to wait for each other.

### Reaction:

We deemed this inevitable in the early stages of development, because we had to introduce some MVC framework/architecture that other features could hook into. Currently, we have already fixed this structure and it shouldn't be a problem for the next sprint.

## Adjustments for next Sprint Plan

Take more time to think about the next sprint and upcoming features.  
Get Millen up to date with what we've accomplished last week.