



SYNCHRONIZO

Sprint 1 Planning Document

Abhijeet CHAKRABARTI
Ammar ASKAR
Brian QUINN
Eric LEE

TEAM #29

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1 | Sprint Overview

This sprint, being our first sprint aims to set up the basic framework we need to develop Synchronizo. A lot of this will involve having our more experienced team members teach and guide the others in the basics of web development and getting a good development work-flow set up. This will also include setting up the architecture to host the Synchronizo website, making a very basic front-end and setting up the boilerplate node.js code for the web app. It will also include our first attempt to allow for music uploads on the website.

Scrum Master Abhijeet Chakrabarti

Meeting Plan Meeting on Fridays and Saturdays in Hillenbrand

Risks And Challenges Some of the members of our team are not yet familiar with web development practices or skilled in the languages required to create our web-app. For our team, a large part of Sprint 1 will be attempting to bring all of the members of our team up to speed with the technical skills required to complete this project.

2 | Current Sprint Details

User Story #2

As a user, I want to be able to upload my own music.

#	Description	Time	Team	Owner
1	Create a basic upload page	3 hrs	Front-End	Eric
2	Make back-end handle file uploads	3 hrs	Back-End	Eric
3	Configure uploading to handle different file types	5 hrs	Back-End	Eric
4	Make back-end and front-end report upload progress	4 hrs	Back-End and Front-End	Ammar
5	Transcode file uploads to a unified format	2 hrs	Back-End	Eric

Acceptance Criteria

- *Given* uploads have been implemented, *when* I go to the Synchronizo webapp, *then* I should see some sort of interface that allows me to upload my own files.
- *Given* that there is an interface that allows me to upload files, *when* it is used to upload a file, *then* there should be some sort of indicator of the progress of the upload.
- *Given* that a file is upload successfully, *when* the upload is finished, *then* it should be converted into a single format such as mp3 so that it may be used universally.

User Story #18

As a user, I want to be able to see information about the album for playing tracks.

#	Description	Time	Team	Owner
1	Create an optional text section for album info	2 hrs	Front-End	Abhijeet
2	Make back-end communicate with last.fm's API	3 hrs	Back-End	Ammar
3	Obtain album info from API and display it	3 hrs	Back-End and Front-End	Ammar

Acceptance Criteria

- *Given* an uploaded music file, *when* it is done uploading, *then* information about its album should be retrieved from the last.fm API.
- *Given* an uploaded music file, *when* it is displayed on the webapp, *then* information about the album of the song should be displayed.
- *Given* an uploaded music file, *when* information about it cannot be retrieved, *then* an indicator of a failure to retrieve the metadata should be shown.

User Story #19

As a user, I want to be able to see information about the artist for playing tracks.

#	Description	Time	Team	Owner
1	Create an optional text section for artist info	2 hrs	Front-End	Abhijeet
2	Obtain artist info from last.fm API and display it	2 hrs	Front-end and Back-End	Brian

Acceptance Criteria

- *Given* an uploaded music file, *when* it is done uploading, *then* information about its artist should be retrieved from the last.fm API.
- *Given* an uploaded music file, *when* it is displayed on the webapp, *then* artist information should be visible.

User Story #3

As a user, I want to be able to create an account.

#	Description	Time	Team	Owner
1	Create a basic sign up page	3 hrs	Front-End	Abhijeet
2	Set up database to handle creation of users	6 hrs	Back-End	Ammar
3	Create a record for the user in the database when they register	4 hrs	Back-End	Ammar

Acceptance Criteria

- *Given* a user goes to the webapp, *when* they hit the sign-up button, *then* they should be brought to a page where they can enter their registration details and sign up for the site.
- *Given* a user signs up, *when* they finish the sign up process, *then* a record representing them should be added to the database.

User Story #4

As a user, I want to be able to log in to my account.

#	Description	Time	Team	Owner
1	Create a basic login page	5 hrs	Front-End	Brian
2	Handle authentication and session creation on the back-end	3 hrs	Back-End	Brian
3	Make session handling code to handle timeouts	2 hrs	Back-End	Brian

Acceptance Criteria

- *Given* a signed up user, *when* they go to login, *then* they should be able to enter their login details and be able to login.

- *Given* a logged in user, *when* they go to the webapp, *then* there should be some indication that they are logged in.
- *Given* a logged in user, *when* they have been inactive for a certain period of time, *then* their session should expire and they should be logged out automatically.

3 | Remaining Backlog

1. As a user, I want to be able to listen to music simultaneously with other people.
2. As a user, I want to be able to upload my own music.
3. As a user, I want to be able to create an account.
4. As a user, I want to be able to log in to my account.
5. As a user, I want to be able to have people follow my account.
6. As a user, I want to be able to follow other users.
7. As a user, I want to be able to un-follow other users.
8. As a user, I want to be able to party chat with other users in the same listening party.
9. As a user, I want to be able to direct message other users.
10. As a user, I want to be able to invite other users to join my listening party.
11. As a user, I want to be able to permanently leave certain listening parties.
12. As a user, I want my followers to be able to see the recent music I have listened to.
13. As a user, I want the ability to block other users.
14. As a user, I want the ability to report other users for misconduct.
15. As a user, I want to have a profile (picture, bio, favorite music, etc.)
16. As a user, I want to be able to set privacy settings for my account.
17. As a user, I want to be able to create multiple listening parties.
18. As a user, I want to be able to see information about the album for playing tracks.
19. As a user, I want to be able to see information about the artist for playing tracks.
20. As a user, I want to be able to control the playback of the music for everyone.
21. As a user, I want to be able to view listener metrics and statistics.
22. As an admin, I want to be able to control user accounts.
23. As an admin, I want to be able to monitor usage of the service.
24. As an advertiser, I want to be able to see data on people's taste in music so I can target ads to them.