




TEMPO



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Sprint 1 Progress



What is Tempo?

["Members of the music band are having difficulty manage their events and song's information including the practice session, concert, playlist for each event, list of equipments for each event. With TEMPO, they can manage their band and focus on their music at ease."]

Sprint Backlog (Original Goal)

- Focusing on the Audio Feature
 - To finish the audio recording feature
 - User can see the soundwave
 - User can save the audio file
- Base model and html
 - Authentication
 - User/ Artist/ Band (Group) models
 - Header page (Login and Home)

No	Sprint	Task	Owner	Estimated Time (Hr)
1	1 (Nov 6)	Audio Recording - backend	Mook	5
2	1 (Nov 6)	Audio Recording - frontend	Mook	5
3	1 (Nov 6)	Song List page (Simple version)	Mook	2
4	1 (Nov 6)	Song List model	Mook	1
5	1 (Nov 6)	Study SoundCloud API	Lely	5
6	1 (Nov 6)	Audio Upload	Lely	5
7	1 (Nov 6)	Audio Player	Lely	5
8	1 (Nov 6)	Front-end structure (HTML/CSS)	Lely	2
9	1 (Nov 6)	User/Group model	Ome	2
10	1 (Nov 6)	User can request to join the band	Ome	2
11	1 (Nov 6)	Authentication	Rush	2
12	1 (Nov 6)	Home page : Display user/group informatio	Rush	2
13	1 (Nov 6)	User registration	Rush	2

Progress

- Researched audio/music API
 - WebRTC
 - SoundCloud
- Implemented Audio record feature using WebRTC library
 - Display Wavesound
 - Record audio and encode the file
 - Save audio to database using Django library
 - Play/ Stop music
- Authentication
- Base html

Problems we faced..

- Merge conflict
- Design the right models
- Migrate database
- Finding the right library for the audio recording part

Demo

Plan for next sprint

- Finish the Band - User management
 - The creator of the band accepts the request of other users to join the band.
- Implement the calendar using 'Fullcalendar' library
 - Event management
 - Reminder/ Notification about the recent events
- Song List - upload chord image
- Redesign Navigation UI - breadcrumbs



← → ✕ 🏠


A Web Page


http://


🔍


NAME HERE


 ¹  UserName ▼

 Band A ▼

 Calendar

 Live Session

 Song List

 Team Member

OCTOBER 2017

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	Practice SessionA Location, Time			27	28
29	30				3	4
5	6	7	8	9	10	11

Practice SessionA



Date, Time

Location

For : [Live Concert X](#)

Song List : [List A](#)

Note :

Link the event to Live session aka concert

Link to Song List

Thank you