GANTT CHART

PROJECT TITLE	Music Voting Server	PROJECT MANAGER	Mykhailo Svyrydovych
TEAM	Elvin Mammadov, Parisa Ostadzadeh, Mykhailo Svyrydovych	DATE	

1 Week = around 12 working hours x 4 team members

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	PCT OF TASK COMPLETE
1	**Project Initiation**				
1.1	Setup JavaScript project	Mykhailo			100%
1.2	Setup Raspberry PI	Mykhailo			100%
1.3	Setup Flutter Project	Elvin			100%
1.4	Setup Backend	Parisa			100%
2	**List all available songs**				
2.1	Setup GitHub - all team participation	Parisa			100%
2.1	Plan backend architecture	Parisa			100%
2.2	Plan web frontend architecture	Mykhailo			100%
2.3	Plan Flutter Architecture	Elvin			100%
2.4	Sample songs & upload - all team	Mykhailo			100%
2.5	Plan REST API - all team	Mykhailo			100%
2.6	Server: send all songs json responce	Mykhailo			100%
2.7	Flutter: http request + display songs	Elvin			100%
2.9	Admin panel: display songs	Parisa			100%
2.10	Test all components together -all team, bug fixing	Mykhailo			100%
3	**Implement voting type 1 (two songs choise)**				
3.1	Backend: send reply with 2 songs and pictures	Parisa			100%
3.2	Android: design and implement UI	Elvin			100%
3.4	Web: design and implement UI	Mykhailo			100%
3.5	Backend: process votings and start playing a playlist	Mykhailo			100%
3.6	Android + iOs: process server messages and send votes	Elvin			100%
3.7	Web: process server messages and implement voting	Parisa			100%
3.8	Web: Admin Panel: Start/Stop music manually - frontend	Mykhailo			100%
3.9	Start/Stop music manually - backend	Mykhailo			100%
3.10	Test all components together -all team, bugfixing	Parisa			100%
4	**Implement database**				
4.1	Setup SQLite db in Spring	Mykhailo			100%
4.2	Basic authorization - backend	Parisa			100%
4.3	Basic authorization - JS frontend	Mykhailo			100%
4.4	Basic authorization - Flutter	Elvin			100%
4.5	Add songs to the database	Parisa			100%
4.6	Collect user info into the database	Mykhailo			100%
4.7	User songs upload(admin delete & upload) - JS frontend	Parisa			100%
4.8	User songs Upload - Flutter	Elvin			100%
4.9	User songs upload/delete - backend	Mykhailo			100%
4.10	Test all components together -all team, bugfixing	Parisa			100%
5	**Prepare a demo**				
5.1	Implement demo mode	Mykhailo			100%
5.2	Set up project for demonstration	Mykhailo			100%
5.3	Test frontend and mobile apps	Parisa			100%
5.4	Test backend	Elvin			100%

Phase timeline columns:
- PHASE ONE / TWO — WEEK 1
- PHASE TWO — WEEK 2, WEEK 3, WEEK 4, WEEK 5
- PHASE THREE — WEEK 6, WEEK 7, WEEK 8
- PHASE FOUR — WEEK 9, WEEK 10, WEEK 11
- PHASE FIVE — WEEK 12, WEEK 13