PROJECT SCHEDULE TEMPLATE

Audio Visualizer Semester Project	PROJECT MANAGER (Iteration 3)	PROJECT MANAGER (Iteration 4)	PROJECT MANAGER (Iteration 5)
PROJECT DELIVERABLE	Rose Martin	Raghav Mathur	Mason King
SCOPE STATEMENT	Core Fundamentals (Audio File and Visualization Basics)	Testing Module/ Audio File Compilation	Final Physical Construction/ Written Documentation
START DATE	END DATE	OVERALL PROGRESS	
9/22/2025	12/5/2025	50%	

TASK NAME	ASSIGNED TO	START DATE	END DATE	DURATION (in days)	STATUS	COMMENTS
Iteration 1 Team Meeting	Team	21-Sep	21-Sep	1	Complete	
Chose Team Members and Decided on Project Topic	Team	21-Sep	21-Sep	1	Complete	
Iteration 1 Submission Date	Team	9/22/2025	9/22/2025	1	Complete	
Iteration 2 Team Meeting	Team	9/25/2025	9/25/2025	1	Complete	
Written Team Objectives	Rose	9/25/2025	9/25/2025	1	Complete	
Selected Technologies and Tools for Use	Raghav	9/25/2025	9/25/2025	1	Complete	
Created Project Timeline/Documented Plan	Mason	9/25/2025	9/25/2025	1	Complete	
Iteration 2 Submission Date	Team	9/26/2025	9/26/2025	1	Complete	
Iteration 3 Team Meeting	Team	10/22/2025	10/22/2025	1	Complete	
Add Real-Time Interactivity	Raghav	25-Oct	10/27/2025	2	Complete	
Research on Diversifying the Visual Output	Rose	10/19/2025	10/27/2025	8	Complete	
Research/Implementation of Improving User Experience	Mason	10/19/2025	10/27/2025	8	Complete	
Iteration 3 Report Work Session	Team (asynchronous)	10/27/2025	10/27/2025	1	Complete	
Iteration 3 Report Submission	Team	11/4/2025	11/4/2025	1	Complete	
Focus on Developing Visuals - research using matplotlib.animation	Rose	11/4/2025	11/16/2025	12	Started	
Focus on Short Segments (1024 samples) to reduce lag rate	Raghav	11/4/2025	11/16/2025	12	Started	
Investigate NumPy Vectorization for Faster Loop Calc	Mason	11/4/2025	11/16/2025	12	Started	
Implement 3D Visualizations and Beat Detection	Raghav	11/4/2025	11/16/2025	12	Not Started	
Peer Review and Feedback Session	Team	11/16/2025	11/16/2025	1	Not Started	
Meet with Professor Nafa to Discuss Improvements	Team	11/25/2025	11/25/2025	1	Not Started	
Begin Testing - edit code to improve efficiency	Team	11/20/2025	11/20/2025	1	Not Started	
Finalize Model Testing	Team	12/1/2025	12/1/2025	11	Not Started	
Create the Physical Construction that will Display the Model	Mason	11/21/2025	12/1/2025	10	Not Started	
Have all Audio Files Acccessible and Functional	Raghav	11/21/2025	12/1/2025	10	Not Started	
Finalize All Written Documentation	Rose	11/21/2025	1-Dec	10	Not Started	
Begin Demo Presentation - Assign Roles to the Team	Team	11/26/2025	12/1/2025	10	Not Started	
In-Class Presentation	Team	12/5/2025	12/5/2025	1	Not Started	