

EtherealViz : Audio-reactive web based music visualizer

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Grading

Category	Weight	Scoring	Requirements
Basic Preparation	2	0-1	Ready to go at the start of section
Cleverness	2	0-2	The hardest points on the rubric
Code Submission	4	0-2	Submitted correct content on time and to the correct location in the repository
Decomposition	4	0-2	Project is adequately decomposed to different classes and methods
Documentation	4	0-2	Comments for each class and each function are clear and are following style guides
Effort	2	0-2	Perform considerable amount of work
Naming	2	0-2	Variable names and method names are readable and are following the naming conventions of the language you chose
Overall Design	5	0-2.5	Have nice approaches and structures in overall
Participation	5	0-2.5	Interact with the group 2 times (ask a question, make a comment, help answer a question, etc.)
Presentation	4	0-2	Present the code clearly
Requirements – Drag and Drop load	5	0-2.5	<ul style="list-style-type: none">• 2 points: Allow the user to drag and drop music files (only) and have them loaded into the playlist• 2.5 points: Allow users to drop a folder of music files and have it loaded into the playlist
Requirements - Playlist Functionality	5	0-2.5	<ul style="list-style-type: none">• 2 points: Allow user to navigate through the playlist using Next/Previous buttons• 2.5 points: Playlist should be loop, next/prev, and song end should always result in a song to be played

Requirement - Visualisation	4	0-2	<ul style="list-style-type: none"> 2 point: Be able to extract frequency/amplitude features from the currently played song and change the rendered cube with respect to the extracted features
Testing	4	0-2	<ul style="list-style-type: none"> 1 points: Manual test plan present 2 points: Manual test plan and sufficient test cases implementation present
Total	52		