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| **Task Name** | **GUI Description** | **?** | **Implementation Description** | **?** |
| Track Handle | The track handle should include a volume slider, a delete track option, and a mute track option. There should be buttons for all these functions within the track handle. The track handle should be the same height as the track display fields, and each track handle should be adjacent to the track to which it refers. |  | The volume slider should allow the user to permanently increase or decrease the volume of its respective track. One possible way to implement this feature would be to have a track class and for each object of the track class to have its own public “Volume” field. The delete track option should delete both the corresponding track and the track handle from the GUI and erase the track itself from the project file. All other track objects in the GUI should then move up so that there are no gaps between tracks. The mute track button should toggle a Boolean value inside the track class called “Muted”. When Muted is true, the track will not play when the playback button is pressed, but it should still be included if the file is exported. The track handle should also display the tracks number. |  |
| Backdrop | The backdrop should have three distinct areas: the track workspace, the sidebar, and the function bar. The workspace should be on the right-hand side of the screen and should be sized such that it can fit exactly ten tracks. The sidebar is where the track handles will be located, and it should be sized such that it can fit exactly ten track handles adjacent to the ten possible tracks. The function bar should include all the buttons not explicitly stated to be on the track handle and should be located along the top of the application window. The project name should be displayed in the upper left hand corner. |  | The backdrop should have no functionality. The application window will be mostly static. All other GUI objects should be placed on top of the backdrop. |  |
| Pitch Shift Button |  |  |  |  |
| Pitch Shift Menu |  |  |  |  |
| Fade-out Button |  |  |  |  |
| Fade-in Button |  |  |  |  |
| Playback Button |  |  |  |  |
| Add Track Button |  |  |  |  |
| Record Button |  |  |  |  |
| Stop Record Button |  |  |  |  |
| Delete Selection Button |  |  |  |  |
| Copy Selection Button |  |  |  |  |
| Paste Button |  |  |  |  |
| Export Button |  |  |  |  |
| Close Program Button |  |  |  |  |
| Load Project Button |  |  |  |  |
| New Project Button |  |  |  |  |
| Delete Project Button |  |  |  |  |
| Track Display Field |  |  |  |  |
| Playback Bar |  |  |  |  |
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