Requirements Specifications

R1. Allow sequencing of various musical sounds predominantly using the mouse and keyboard

R2. Allow the user to playback the sequence of notes, including pausing, rewinding and skipping

R3. Save/Load/Bounce Functionality

R4. Allow user to choose from a wide selection of instrumental sounds, and change the number of tracks (instruments) being played, including muting and soloing an individual track, and looping a set of beats for a track

R5. Allow the option to modify the tempo and meter at will

R6. Allow the user to visually modify the note being placed (quarter, eight, sixteenth)

R7. Develop the interface to be simple and agile using hotkeys and shortcuts with a well-designed user interface.

R8. Allow the user to adjust the volume of each track using a visual mixer

R9. Gear the application to prioritize rhythm over melody.