# 

Executive Summary

**MP3 Player**

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# Introduction

This document details the product requirements of the NCCMP3 music player and library project.

# Product Overview

NCCMP3 is a new music player and library manager application. It is meant to be a lightweight replacement of mainstream music library options. It is going to have many of the same features found in other music applications, without being bloated or slow

Product Functional Requirements

* Music player interface should include:
  + display of current track info
  + play
  + skip forward
  + skip back
  + next track
  + previous track
  + random play
  + set repeat
  + single repeat
  + volume control
* Library interface should include:
  + filtering by:
    - artist
    - album
  + organizing by:
    - track name
    - track number
    - artist
    - album
  + search
* Interfaces should be graphical to facilitate ease-of-use
* The music library should be sorted by the mp3 metadata and not dependent on folder structure
* Multiple folders in different locations should be able to be added to the library
* The application should be fast and responsive
* To play songs they should be added from the library to the current playlist
* Users should be able to save the current playlist, and be able to load saved playlists