**Application limitations and proposed improvements**

Whizzy Media Organiser

Logo

Description automatically generated

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Contents

[Introduction 1](#_Toc88851593)

[Limitations and proposed improvements 1](#_Toc88851594)

[Media file structure 2](#_Toc88851595)

[Data Storage 2](#_Toc88851596)

# Introduction

Whilst the application covers the scope of the requirements given, I can identify some limitations to the system and suggest can some improvements.

# Limitations and proposed improvements

## Media file structure

Currently the application takes a filename and from this populated very limited fields. These fields are not particularly useful when exploring the possibilities of future features of this product.

A suggestion to improve this would be it import a files metadata, this would include prepopulated data such as Artist, Album, Genre, Length and in some cases a thumbnail image.

With this change in structure, we could update the application features so a user could create more meaningful playlists.

## Data Storage

Currently any changes the user makes to the data in the application is lost unless the save button is hit. This could lead to a frustrating experience and potential loss of work.

An improvement for this would be to implement an autosave feature so the user does not need to keep clicking save.

To expand on this, I would suggest moving the data store away from flat files and into a database. This would improve performance in instances where there is a lot of data. Also, when a user loads a ‘state’ a simple ID can be loaded rather than a full file every time.