Requirements Document

EECS 2311 | Software Development Project

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# User Functionality

Old User Functionality

* Convert music tablature into musicXML
* Supports Guitar, Drum, and bass music tablatures

New User Functionality

* User must be able to convert musicXML into music sheets
* User must be able to use the built-in music player
* User will be able to see what sections of the sheet are being played in the music player
* User must be able to display music sheets within the program
* User must be able to export the music sheets into PDF documents.

# User Types | User Targets | Use Cases

* Music majors wanting to digitally save or play their tablatures
* Digital Musicians (Guitarists, Drummers, and Bass players)
* Anyone in need of converting musicXML files
* Professors wanting to convert their tablatures into music sheets to display

# System Requirements (Base requirements are shown below and may change in the near future)

|  |  |
| --- | --- |
| Storage | 75 MB |
| RAM | 500 MB |
| Java Version | Java 17 |
| OS | Windows, MacOS, Ubuntu, any platform with Gradle |