Proposal for MusicMaker Software

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Document Information

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1.Introduction

This proposal addresses the following details for the Project –

- Scope Of Work
- Proposed Application Flow
- Assumptions
- Open Issues

2.Scope of Work

The scope of work includes the following requirements –

R#	Name	Description

R1	Universal application and very easy to use.	Since this is a java application, this can run on any operating system without any other additional software apart from java which almost all devices have these days
R2	Application Input	The user selects the instrument of their choice and then starts playing tunes. Hence this is mainly a mouse controlled application.
R3	BackEnd	. The button which just has a letter will append it's respective letter to a

string and then the tune is played in the selected instrument.

R4	Application Output	The application's output is a tune played in the user's choice of instrument. The user can also record many tunes in many instruments and replay the exact tune played.

3.Proposed Application Flow

The following diagram presents the application flow in the proposed system.

#Step	Description
PH4_1	The user will click on a button to start the application on the 1st frame.
PH4_2	Then the user will transition to the 2nd frame. In this frame the user can select either an instrument or can select to load a tune file.
PH4_3	If the user selects an instrument, then the name of the frame will change to the selected instrument's name so that the user will know which instrument he/she is in.
PH4_4	If the user is in the instrument frame, then they can start playing music by selecting buttons which will produce the sound corresponding to that note.
PH4_5	If the user selects to load a file, then a window chooser will pop up. The user will select a text file with a tune present in it and the software will play that tune.
PH4_6	The user can also save a tune that they have created by saving it into a text file through the program.

Appendix A - Contact Information

Company	Information
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