

Deliverable #3 Template

SE 3A04: Software Design II – Large System Design

1 Introduction

This section should provide an brief overview of the entire document.

1.1 Purpose

- a) Delineate the purpose of the document
- b) Specify the intended audience for the document

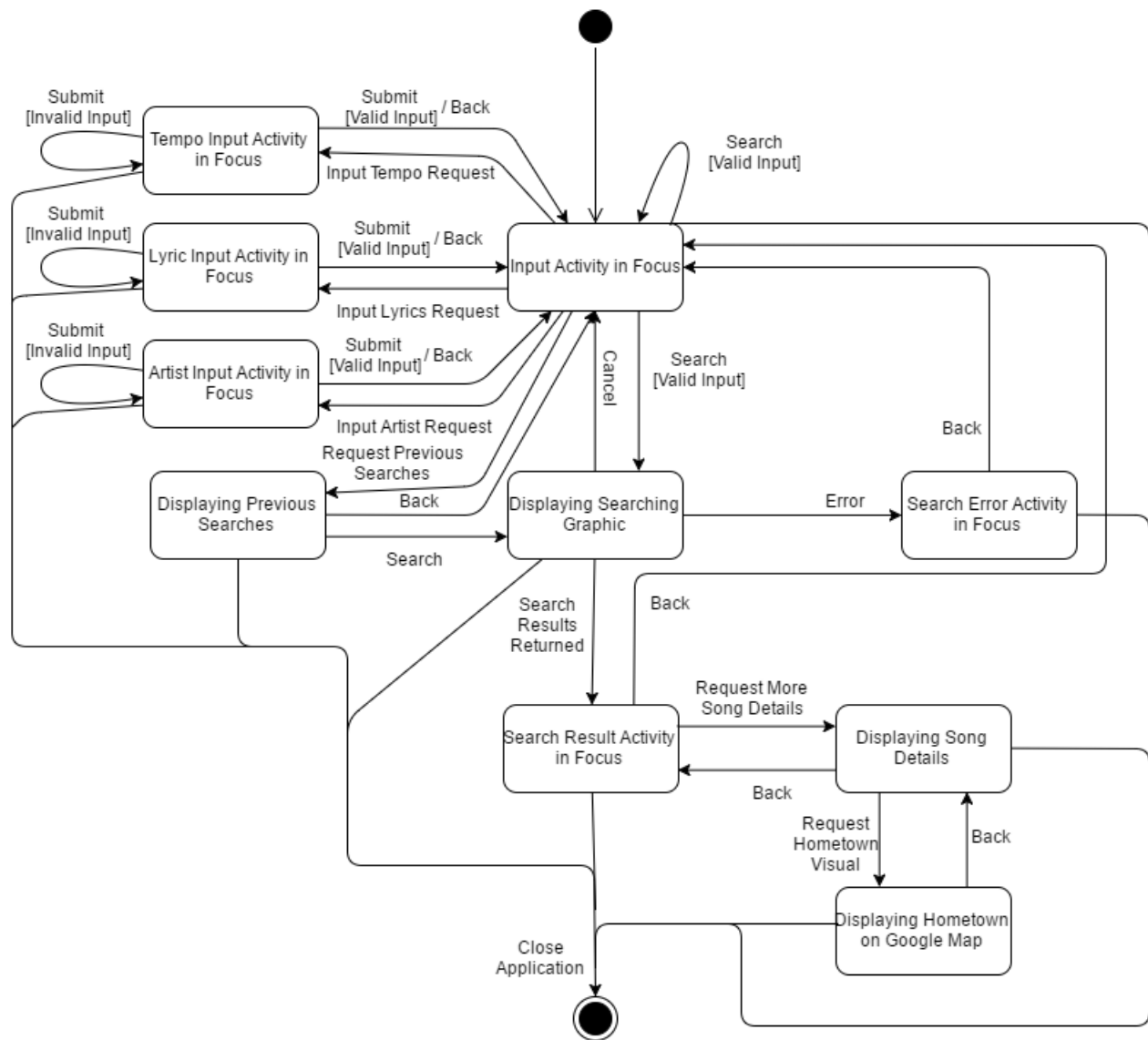
1.2 System Description

- a) Give a brief description of the system. This could be a paragraph or two to give some context to this document.

1.3 Overview

- a) Describe what the rest of the document contains
- b) Explain how the document is organised

2 State Charts for Controller Classes



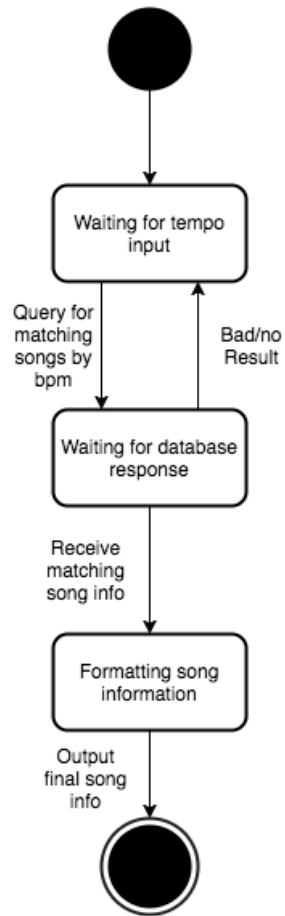


Figure 2: Statechart Diagram for TempoController

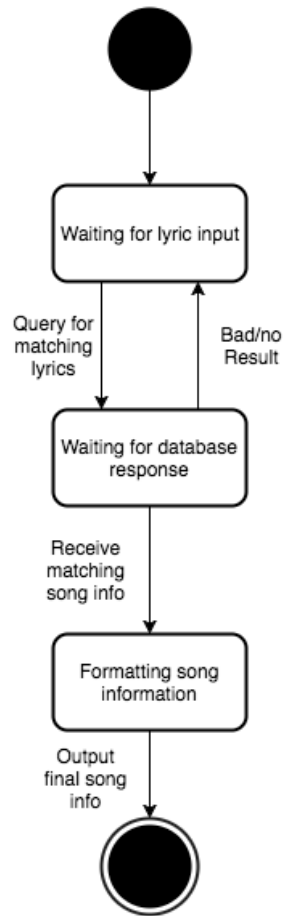


Figure 3: Statechart Diagram for LyricController

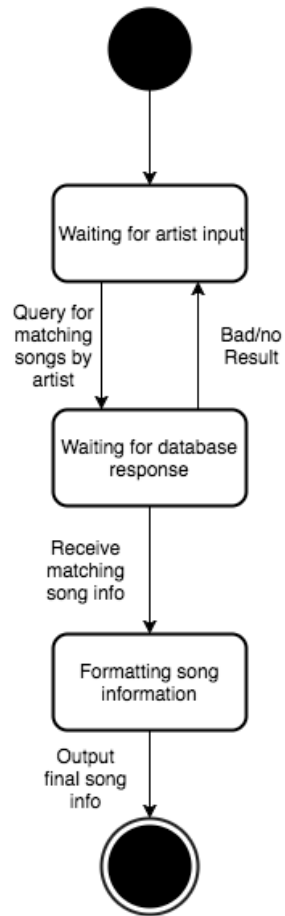


Figure 4: Statechart Diagram for ArtistController

3 Sequence Diagrams

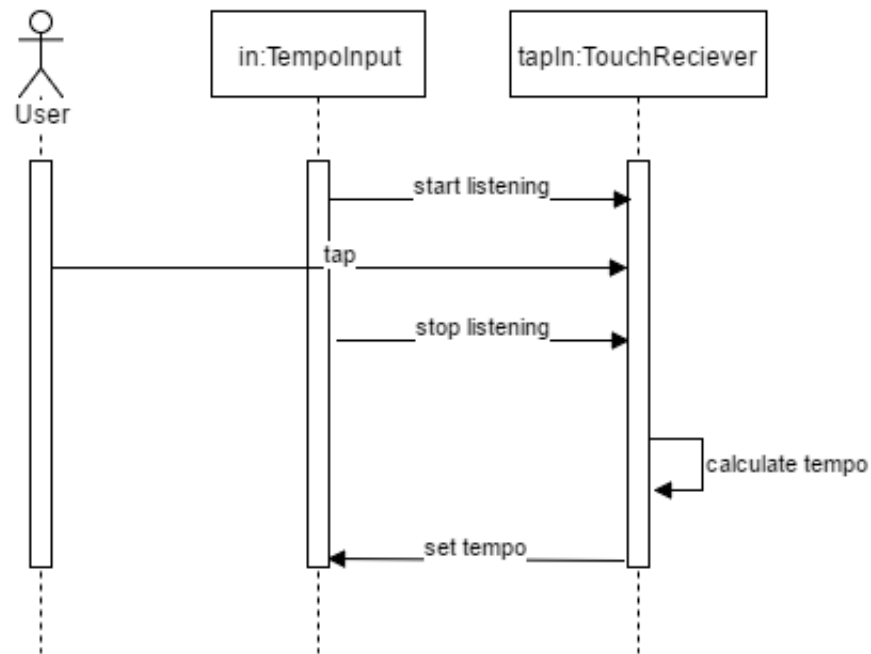


Figure 5: Sequence Diagram for the Tempo Input

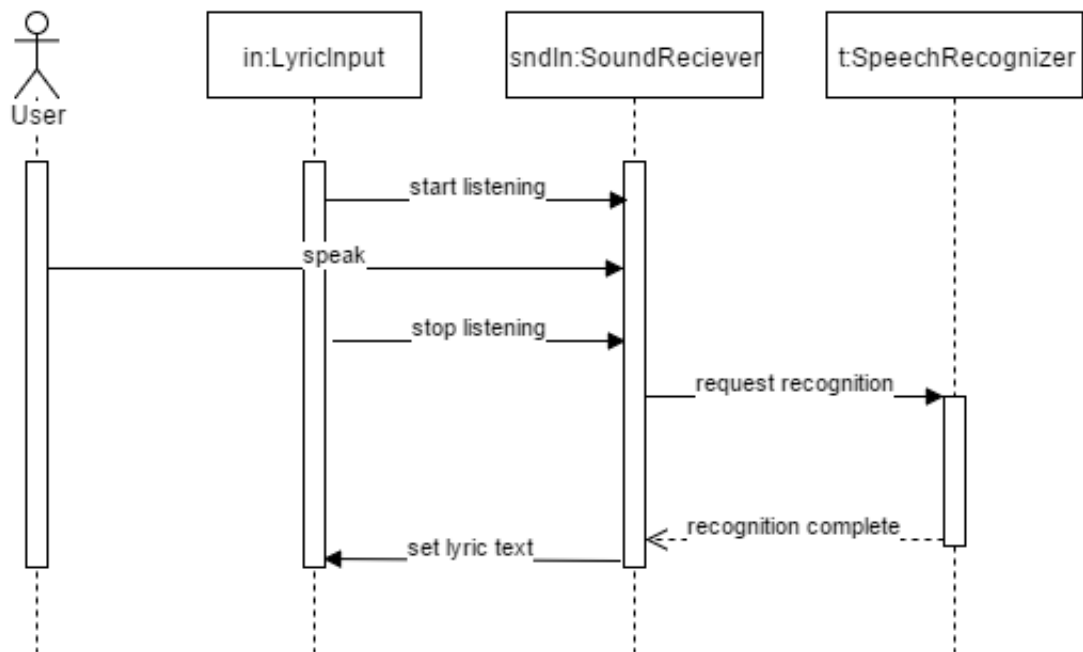


Figure 6: Sequence Diagram for the Lyric Input

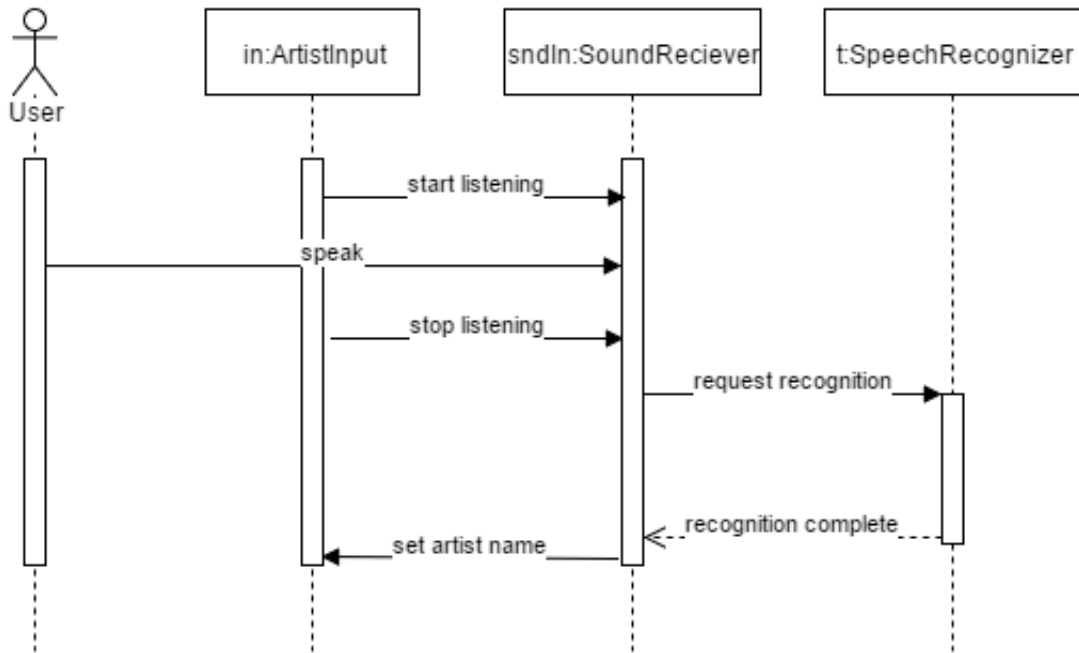


Figure 7: Sequence Diagram for the Artist Input

4 Detailed Class Diagram

This section should provide a detailed class diagram for your application.

A Division of Labour

Jemar Jones

Rendavid Dimen

Samraj Nalwa

Samuel Scargall

Spencer Park

Stephan Arulthasan

Created the statechart diagram in figure 4 and sequence diagrams in figures 5, 6, and 7.

Agreement with the Division of Labour outline above:

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IMPORTANT NOTES

- You do NOT need to provide a text explanation of each diagram; the diagram should speak for itself
- Please document any non-standard notations that you may have used
 - *Rule of Thumb*: if you feel there is any doubt surrounding the meaning of your notations, document them
- Some diagrams may be difficult to fit into one page
 - It is OK if the text is small but please ensure that it is readable when printed
 - If you need to break a diagram onto multiple pages, please adopt a system of doing so and thoroughly explain how it can be reconnected from one page to the next; if you are unsure about this, please ask me
- Please submit the latest version of Deliverable 1 and Deliverable 2 with Deliverable 3
 - They do not have to be a freshly printed versions; the latest marked versions are OK
- If you do NOT have a Division of Labour sheet, your deliverable will NOT be marked