



Cue Sheet Project 2.0

Patrick Aung, Kevin Ng, Woody Wu

1.

Project Description

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Upgrade version 1.0 cuesheet application by adding more features to the graphical user interface and making better design choices.

2.

New Application Features

New Application Features

FANCY DRAG

Improved segment vertex dragging motion on the canvas

IMPORT/EXPORT 2 FILE FORMATS

Users can import and export cue sheets with .csv and .txt files

ADD/REMOVE/IMPORT MULTIPLE SEGMENTS

Users can import/add/remove multiple segments at once to the segment bank

REMOVE MULTIPLE SEGMENTS

Remove a segment or segments from the overall route

EXPORT IN DIFFERENT FORMAT

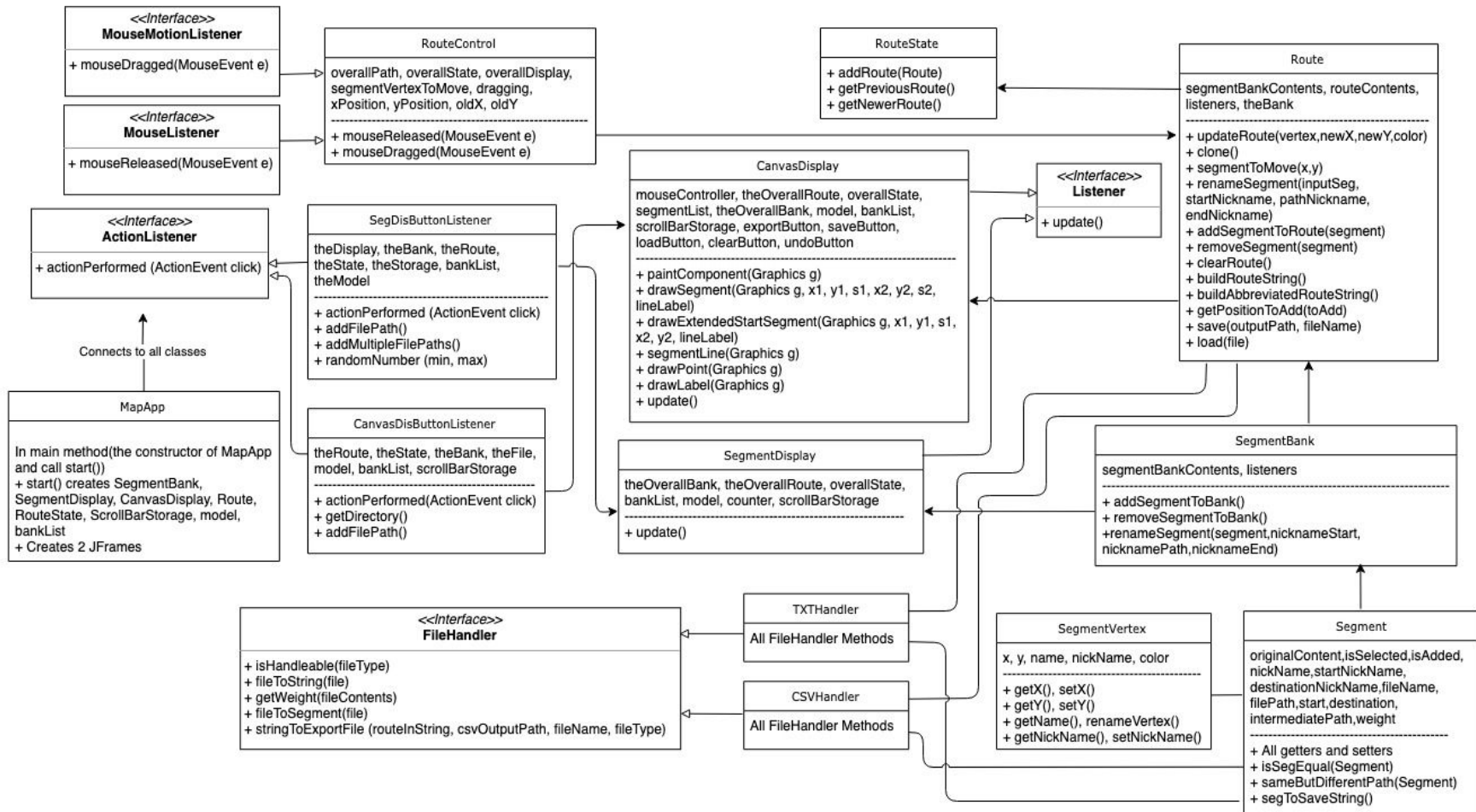
Add and remove segments from the overall route

UNDO

Undo users inputs/modifications with the overall route

3.

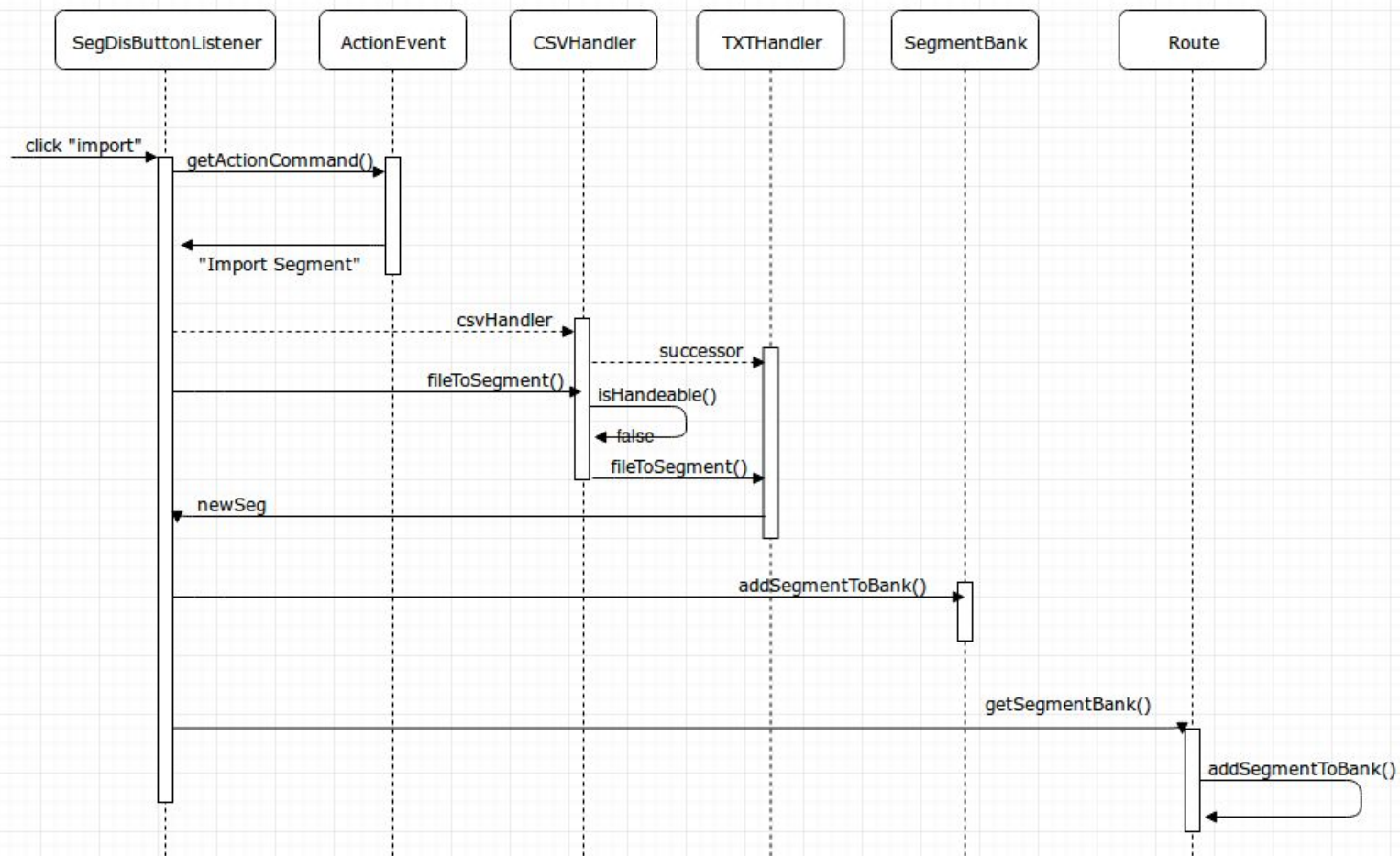
Class Diagram



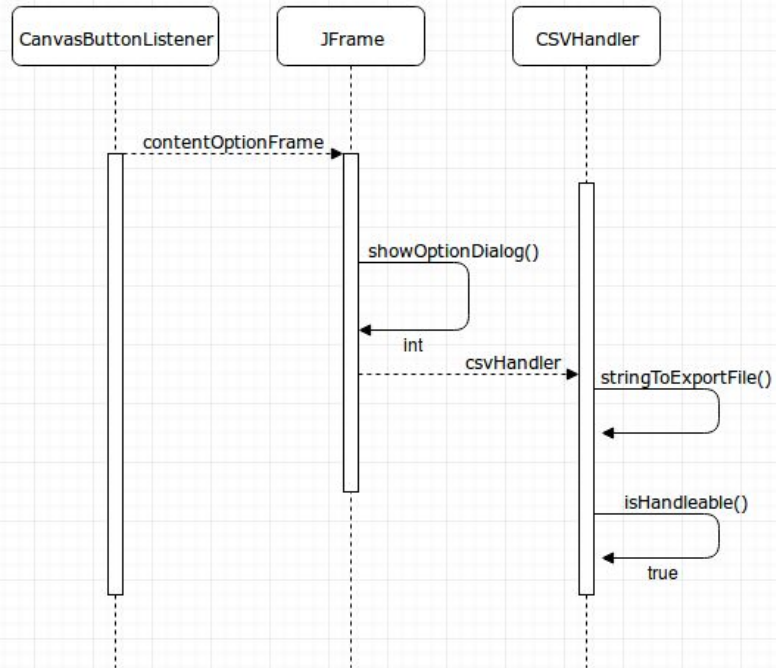
4.

Interaction Diagram

Chain of Responsibility for import txt file



To Export Abbreviated CSV file



5. Testing

Testing

SegmentTest

- testSegmentGetters
- testSegmentSetters
- testSameButDifferentPath
- testCloneMethod

RouteTest

- testAddSegmentInRoute
- testRemoveSegment
- testGetPositionToAdd
- testClearRoute
- testBuildRouteString

6.

Lessons Learned

Lessons Learned

- × Get the correct version of the java compiler.
- × Undo/Redo was not as simple as anticipated
- × Effective use of git (i.e. merge conflicts)
- × Swing was still an ouch...

A large, vibrant blue abstract splash graphic occupies the right side of the slide, extending from the top right corner down towards the bottom right. It features various shades of blue, from deep navy to bright cyan, with white highlights and splatters, giving it a dynamic, liquid appearance.

7.

Version 3.0 Features

Version 3.0 Features

Redo

Ability to redo all the actions toward the overall route.

Set Theme

Ability to set different themes for the canvas and the segment bank display

Editable Route Segment Contents

Fancier GUI by allowing users to edit the content of each segment of the overall route on the canvas.

On-the-canvas rename

Make GUI fancier by allowing users to rename start/end/intermediate parts of the route on the canvas.



Thanks!

Any questions?

You can find us at:

aungp@union.edu

ngk@union.edu

wud2@union.edu