User Manual

Group 2 EECS2311

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1 Installation

To install the application, simply run the .jar file provided.

2 Getting Started

Before launching the application, think about what you want your diagram to look like. When you run the application, you will see the following screen:

2.1 Toolbar

The toolbar (1) has four options: File, Edit, and Help [functionality for all is still in progress].

A sub-option in the File tab is Save. By pressing Save the venn diagram data, specifically the text elements that were in each circle, are saved as a .txt file which you choose the name of. When the user presses File > Open, they can open that text file, and the program will load the text elements from that save.

2.2 Toggle Text Option

Button (2) will be selected if you want text to be inside the Venn Diagram. For example, if you want to display qualitative data which requires text description, you would select button (2).

2.3 Toggle Numbers Option

Button (3) will be selected if you want only numbers to be inside the Venn Diagram. For example, if you want to display simply numerical data and nothing else, you would select button (3).

2.4 Toggle Subtitles

If you do not wish to display subtitles in your Venn Diagram, you would uncheck box (4). To add subtitles, check box (4), then click the "Insert Title Here" field at the top of each circle, and type your desired subtitle.

2.5 Toggle Title

Checkbox (5) will be automatically checked when first running the application. If you do not wish to display a title for the Venn Diagram, you would uncheck the box. To add a title, check the box, then click the "Insert Title Here" field above the Venn Diagram and type your desired title.
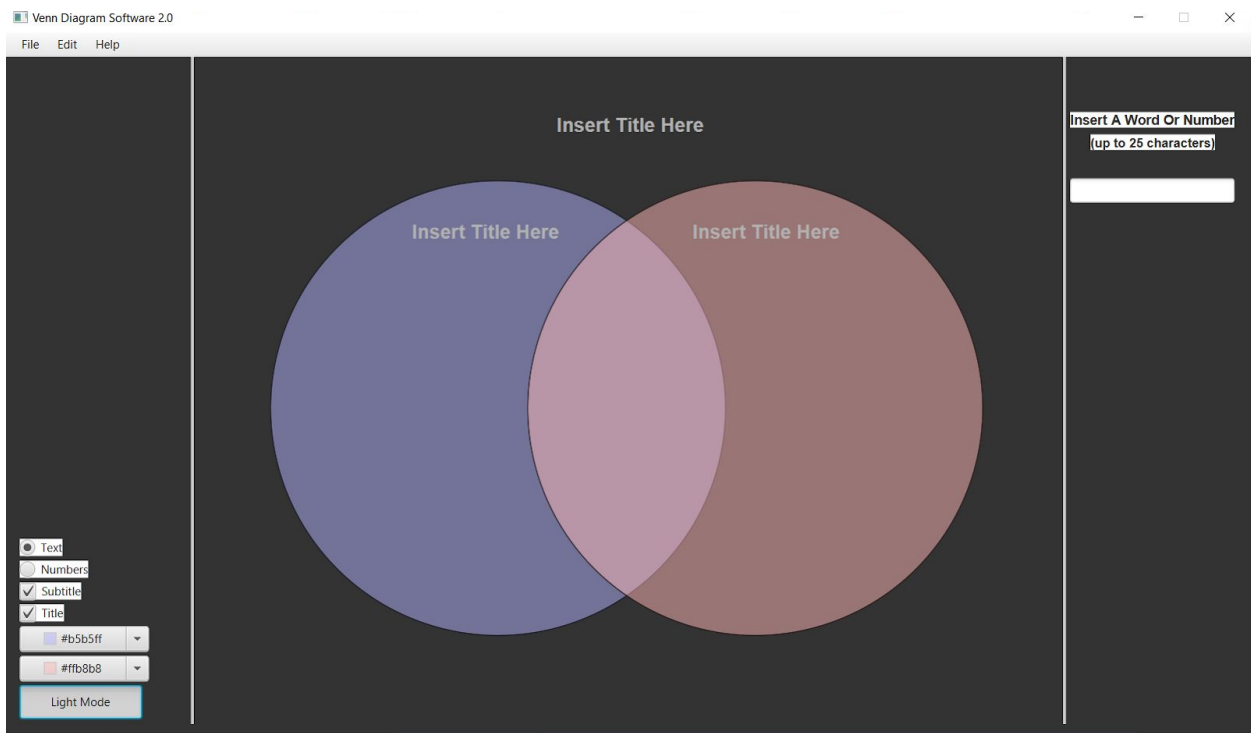
2.6 Left & Right Circle Colour

To change the colour of the left and right circle, click drop-down box (6) and select your desired colour from a pallet of different colours which will pop up.

2.7   Dark Mode

A button (7) at the bottom left can be pressed to toggle "Dark Mode" which makes the UI elements darker like the background, and then reversing the color of other elements so they can be seen easier.

Here is what Dark mode looks like:

2.8   Main Title Field

Click on the field (8) to enter the title of the Venn.

2.9   Subtitle Field

Click on the fields (9) to enter the subtitles of the Venn's circles.

2.10 Enter Text Field

Simply click on the text field (10) and enter the phrase you wish and press the Enter key. The text element will be added onto the right pane for the user to click and drag.

3   Usage Examples

3.1   Qualitative Venn Diagram

The following is a simple, qualitative venn diagram; a venn diagram that takes text data. This option can be selected in the left pane. The data for this venn diagram is entered in the right pane, where the user enters each phrase individually, and then drags and drops each one into whichever circle they choose.
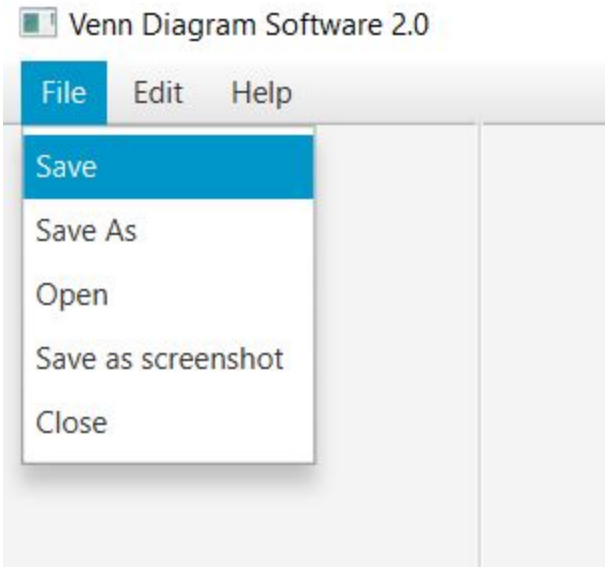
3.2   Numbers/Quantitative Venn Diagram

Venn diagrams can also be made to represent numbers. This option can be selected with the Numbers option in the left pane. In the image shown below, the Numbers option is used to enter percentages. All other customization options are available for the Venn diagram except for being able to use the right pane to add text.
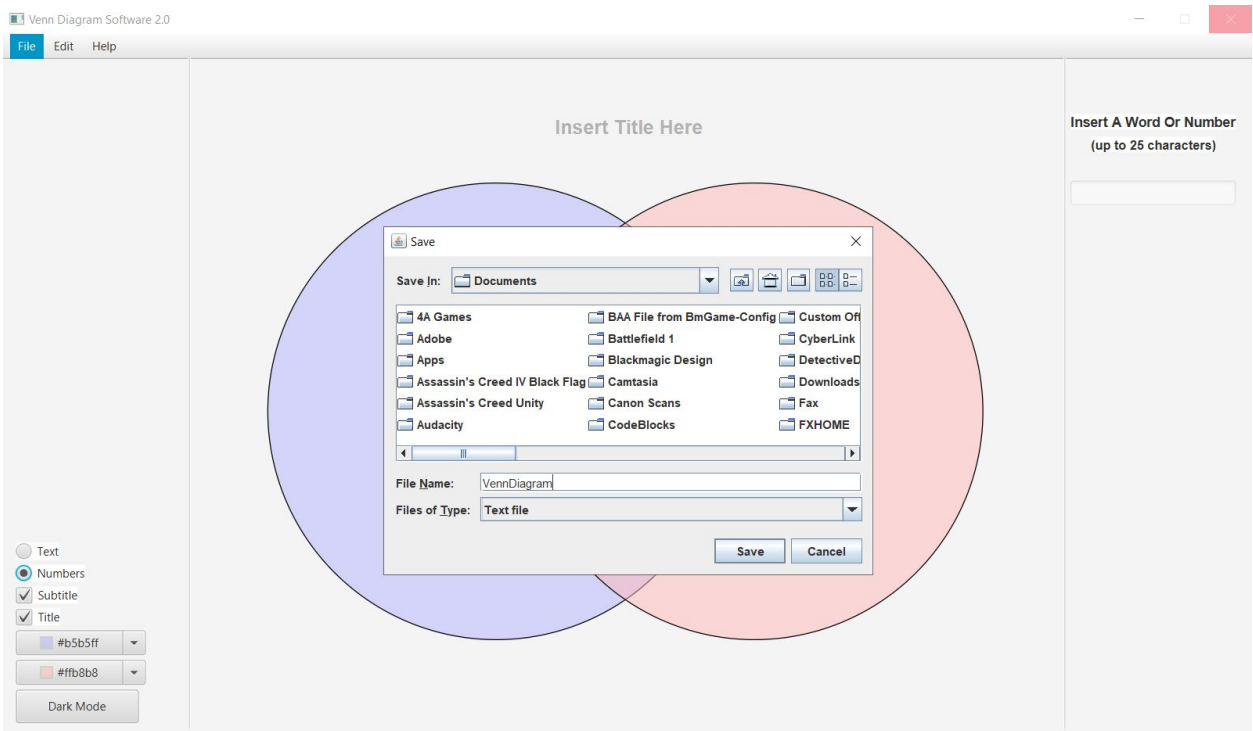
4   Saving

While making your Venn diagram, it can be saved by selecting the option in the upper toolbar.

Then, the user must choose a name for the Venn diagram and save it in their drive.

When opening a Venn Diagram the user simply chooses File > Open, and selects the text file saved earlier.

5 Drag and Drop

The way drag and drop works for placing text elements.The user presses and holds the mouse while over the text element, and then moves the mouse over the venn diagram, releasing the mouse at the place they want. The text element will then be removed from the right pane and placed onto the venn diagram. The text is snapped onto the venn, there is no animation. After the text elements are placed, they can be rearranged while still on the venn diagram

Closing The Program
To close the program the user can simply close the window, and a pop-up will ask if they are sure. If not, they can press cancel, otherwise they press Exit and the program closes.