A virtual Merrimack tour of the School of Computer and Data Science.

The plan would be to create a GUI that shows transversal images similar to Google Earth
We plan to utilize a new framework - JavaFX.

Something new: JavaFX, Netbean utilization, Decorator Design Pattern

https://docs.oracle.com/javafx/2/installation/jfxpub-installation.htm

Javafx

JavaFX will allow images to blend on this interactive tour targeted at computer science students.

Blend- https://docs.oracle.com/javase/8/javafx/api/javafx/scene/effect/Blend.html

Text with a Linear Gradient Fill-

```
t.setFont(Font.font("Verdana", FontWeight.BOLD, 70));
```

Utilizing a perspective camera to view around the image
https://docs.oracle.com/javase/8/javafx/api/javafx/scene/PerspectiveCamera.html

We will utilize decorator to add information item objects attachments to the interactive image that is loaded throughout the tour. Ex: you press a button to continue past the east mackmark. A image comes up with the main computer science rooms along with interactive button plassed by the decorator providing more information about the space utilization
https://www.baeldung.com/java-decorator-pattern

Netbeans will be used to be able to make our code into a jar and the executable link:
We would then want to put the GUI into an executable link that could be added to a webpage:
https://reshmaharidhas.medium.com/how-to-convert-your-java-gui-program-to-executable-file-from-netbeans-79fd63769ba5

Summary: Create an interface that acts as a guided tour for computer science students. This should showcase 510 Turnpike classrooms, the maker space, the robot lab, the machine shop, the E-Lab, Sak,hub,library(Math and writing centers), student life and athletics. It should also highlight the close-knit staff and courses offered by major.

Nouns and verbs

- Guided tour
- 510/ 530 turnpike
- Classrooms
- Makerspace
- robot lab
- Machine shop
- E-lab
- Sak
- Hub
- Library
- Math center
- Writing center
- Athletics
- Student life
- Close knit staff
- Courses offered
- major

Objects