

Synopsys

Located in Zuiderhagen, Enschede, Comicasa is a comic shop with two wide display windows, for everyone to admire its colorful magazine covers, and eye-catching posters. This feature of the shop is well resembled in the program. In our program, we highlighted the cheerfulness of the protesters and comics by creating an interactive system for the posters and comics, as well as the door.



Usage and Interaction

Interactions with the program:

- When mouse is right bottom on mouse is pressed, you can open the door
- The box on the top right window changes location if clicked
- You can remove posters with right click
- If center bottom is pressed on mouse it resets the boxes' location and the posters reappear
- If the tab key is pressed, one of the boxes changes color
- If you pressed the minus key the magazines change color
- If you press 1, spiderman appears
- If you press 2, deadpool appears
- If you press 3, wolverine appears
- If you drag the mouse while the left button is clicked one of the boxes changes location and color

Architecture:

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- MousePressed:
 - It opens the door
 - Changes the location of the middle box
 - It removes posters
 - Resets the boxes location
 - And resets the posters
- KeyPressed:
 - Changes the box's color
 - Shows spiderman, deadpool and wolverine
- MouseDragged
 - changes the location of one of the boxes and the color
- Classes
 - Box
 - Draws a box
 - Void Update()
 - Enables the boxes to move and change color
 - Void change()
 - Changes the color to a random one
 - Void RNGlocation()
 - Changes the position to a random one inside the window
 - Void ResetBox()
 - Resets the box's location to original
 - Door
 - Draws door
 - Void Display()

- Checks if the door is open
- If the door is open, it draws an open door and prints the character
- If the door is closed, it draws a closed door
- Boolean is over
 - Checks if the mouse is over the door
- Magazine
 - Draws the magazines
 - Void Update()
 - Changes the magazines colors to a random one
- People
 - Loads the people images
 - Void display()
 - Display's the people
 - Void update()
 - Creates boundaries so people can walk
- Poster
 - Draws the posters
 - Boolean is over
 - Checks if mouse is over the posters
- Shop
 - Draws the shop
 - Void update()
 - Draws wolverine, spiderman, and deadpool

