

DES427 Interactive Visual ideas

By Chris Elliott

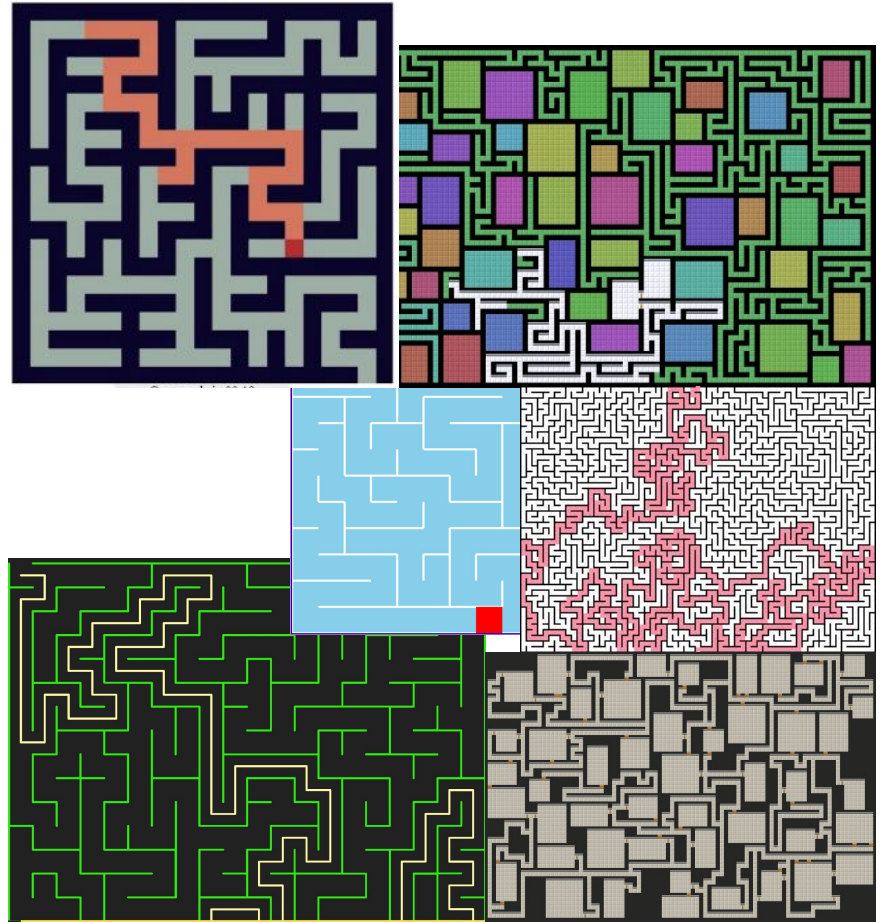
Interactive Maze

I'm considering making an interactive maze. If it's possible, I would like to try making a procedurally generated maze that creates a new maze with every refresh.

As the player completes the maze, the path will light up behind them to show where they've already gone

Interaction:

- WASD or Arrow key controls
- Path remains lit



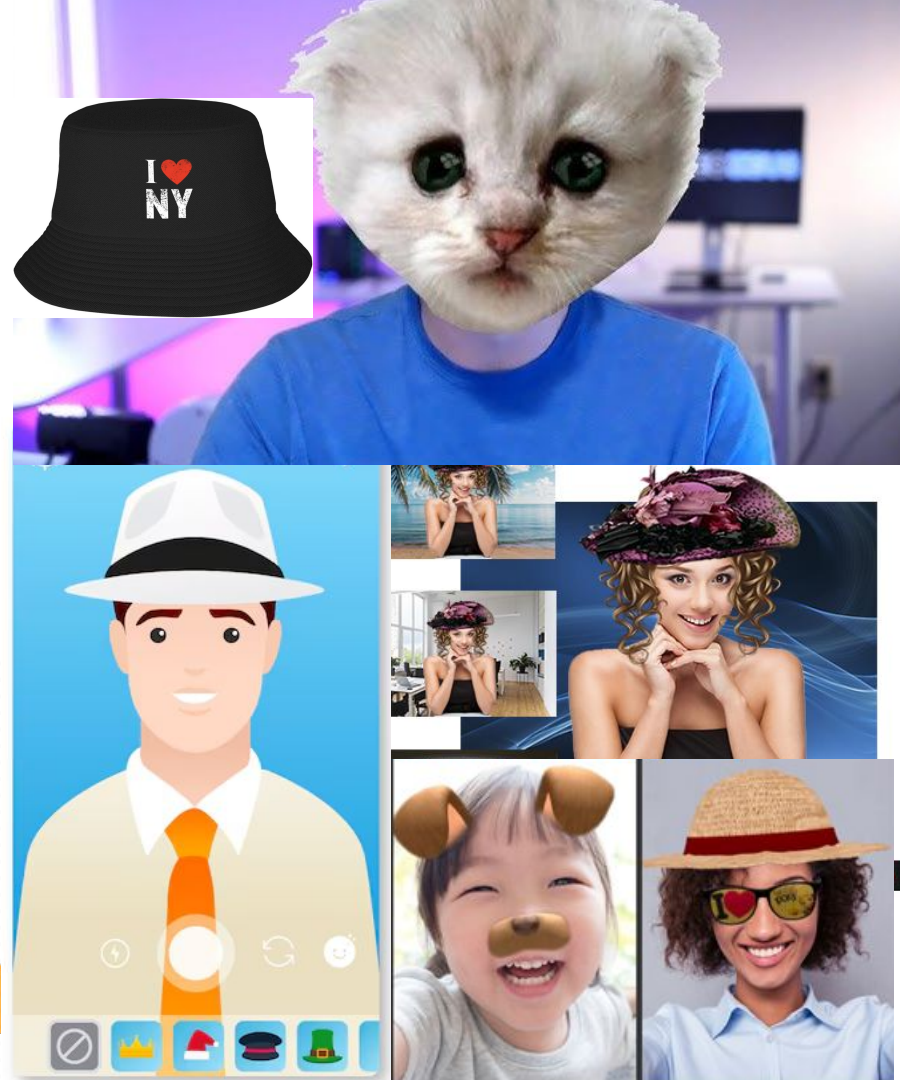
Camera Filter

Avatar with i♥DES427 Hat

For this idea, I'm considering using the camera as an input for motion tracking that will replace the user with an avatar wearing an i♥DES427 hat

Interaction:

- Camera as motion tracker
- Color selector to change color of hat



Four seasons window

Seasons controller that will show an illustration depending on the settings applied. Potential for animations between the slides to show transition of seasons (perhaps a rotate for simplicity)

Two controls:

- One for Hot/Cold
- One for Wet/Dry

The seasons would be set to the combination of binary controls (4 options):

Hot+dry, hot+wet, cold+dry, cold+wet



Pink Pony Club Karaoke Visualizer

This would be a music visualizer for Chappell Roan's song 'Pink Pony Club.' I plan to have music play, perhaps have a pitch shift or speed adjustment, and then add a microphone interaction that would tell the user if they are singing loud enough

Interaction:

- Potentially speed/pitch adjustment
- Microphone amplitude input for karaoke volume monitoring

