1.Project Proposal

I want to create an application for MacOS:

a. It will display an overlay screen like this video

<https://drive.google.com/file/d/1ypSoeJqffN7hMz0ranScQh_R0B-fmfzz/view?usp=sharing>

b. The overlay screen will always stay on top all the time

c. The application will automatically start with the OS

d. User cannot kill/destroy the application, OR it can automatically restart itself if it got killed (just to make sure the application always run in the foreground)

2.Scope

a.

Make transparent UI and then play gif with QPainter, QTimeEvent

b.

Set Property in UI (top)

c.

Add program in Login Items of MacOS

d.

Kill hide property : remove icon in dock

Add this code to .app

(<key>LSUIElement</key>

<string>1</string>)

Normal quit :

Ignore close event

Force quit :

In Main process, run detect process to check if main process is alive

Both processes have to watch each other to check if other process is alive

If dead, run other process

Uninstall :

Don’t make uninstall function when deploy and dmg file