

# Sahara UI Drone Link

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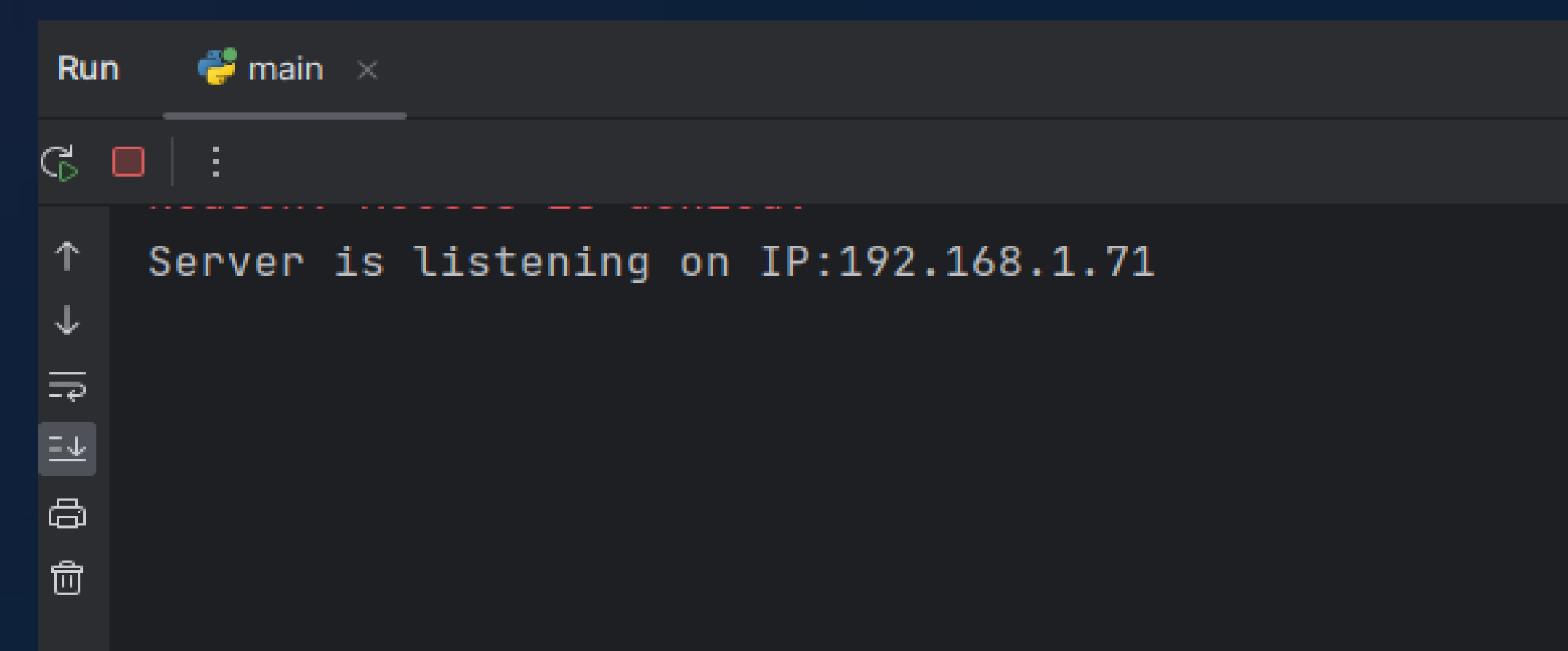
## PROBLEM

UI systems for commercial drones are outdated and lack any visual prowess

Create networking functions related to connecting drone to user computer through a seamless user interface

## CURRENT SYSTEM

Current system is being driven through command prompt operations or antiquated UI's. Not viable for general use cases and non-tech users



## REQUIREMENTS

Commercial drone from Sahara inc.

Windows pc running windows 11

Macintosh computer running El Capitan or later

Any standard videogame controller (PlayStation , Xbox etc.)

Internet Connection

## SYSTEM DESIGN

Label/Logo

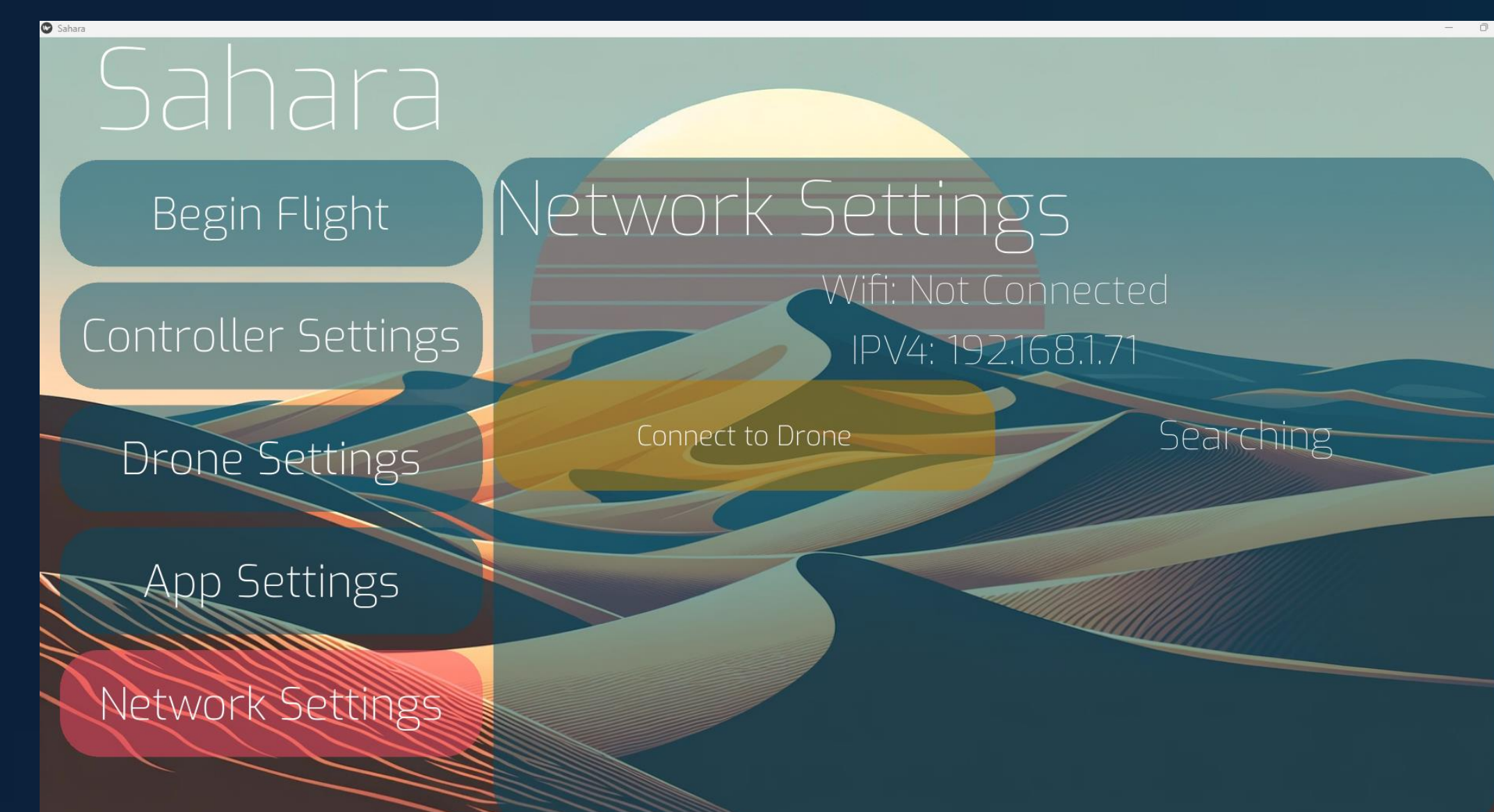
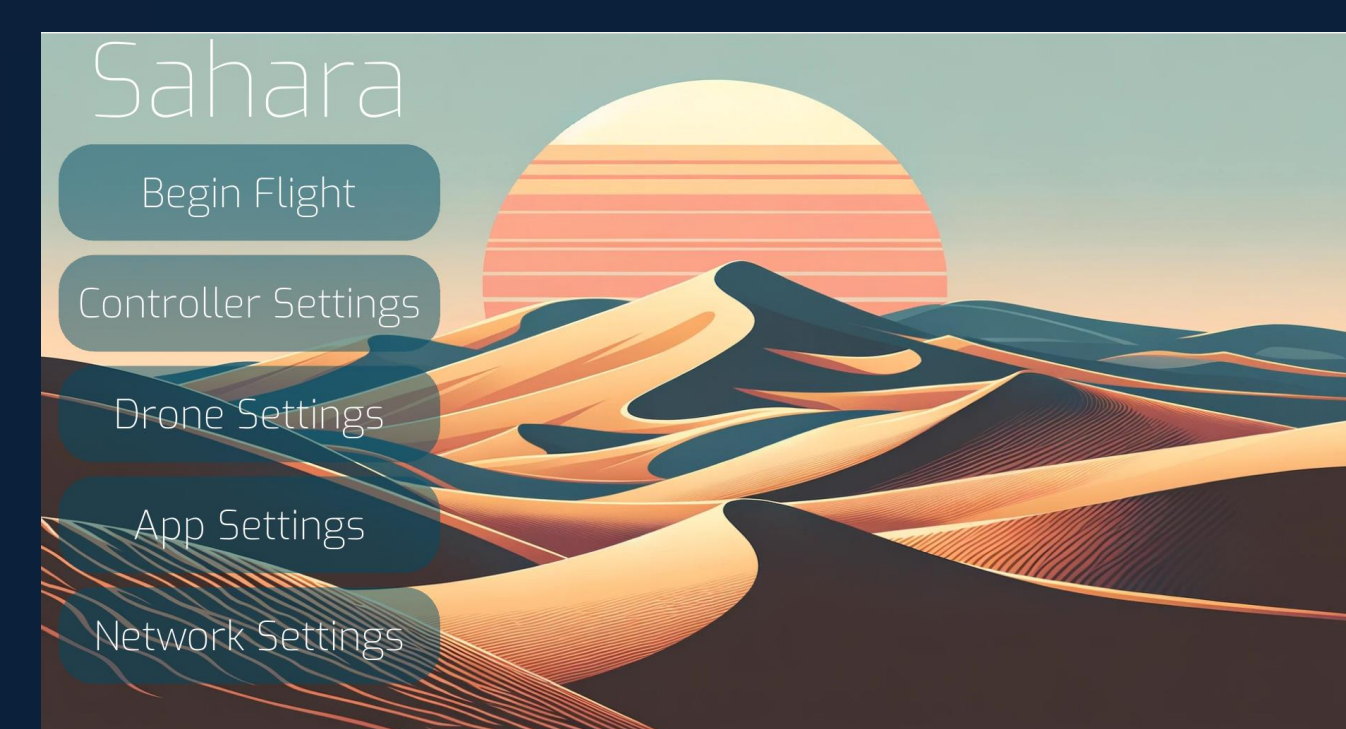
opt1  
opt2  
opt3  
opt4

Main Box

Used to feature current selected opt. tab

Connection status

## IMPLEMENTATION



## SUMMARY

- Elegant and simple UI was created.
- Work on the Networking functionalities established
- Program will check for current internet connection and list it
- Additional Connection button is functional and will initiate search to establish a connection
- Additional system checks would likely be activated by initiating search in the future
- Goal is to abstract as much as possible for a simple and straightforward use

## ACKNOWLEDGEMENT

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