

# Setup Instructions for UploadHub Desktop App

## Prerequisites

### 1. Install Python 3.9 or higher:

- Download Python from [python.org](https://python.org).
- During installation, ensure you check the box for "Add Python to PATH."

### 2. Download and unzip the provided file:

- Save the unzipped folder to your preferred location on your computer.

## Installation Steps

### 1. Open Command Prompt as Administrator:

- Right-click the Start Menu and select Windows PowerShell (Admin) or Command Prompt (Admin).

### 2. Navigate to the unzipped folder:

```
cd path\to\unzipped\folder
```

### 3. Create a virtual environment:

```
python -m venv .venv
```

### 4. Activate the virtual environment:

```
.venv\Scripts\activate
```

5. Install required dependencies:

```
pip install -r requirements.txt
```

6. Run Django migrations:

```
python manage.py migrate
```

7. Start the Django server:

```
python manage.py runserver
```

8. Open a new Command Prompt window (keep the first one running):

- Navigate to the unzipped folder and activate the virtual environment again:

```
cd path\to\unzipped\folder
```

```
.venv\Scripts\activate
```

9. Build and run the desktop app:

```
pyinstaller desktop_launcher.spec
```

10. Navigate to the dist folder and run the app:

```
cd dist
```

```
UploadHub.exe
```

## Troubleshooting

1. WebView2 Error:

- Download and install WebView2 Runtime from Microsoft's website.

2. "Port already in use" Error:

- Try changing the Django port:

```
python manage.py runserver 8080
```

- Update the URL in desktop\_launcher.py to match the new port.

### 3. Command Prompt Windows:

- Ensure both Command Prompt windows stay open while using the app.

### Notes

- The app requires an internet connection for the initial setup.
- Keep both the Django server and the desktop app running while using the application.
- To close the app properly:
  1. Close the desktop window first.
  2. Press Ctrl+C in both Command Prompt windows to stop the processes.

### Need Help?

For assistance, contact: [Your contact information].