# Program Schedule Update

To start the backend :

**1. Stop the Current Backend**

If your backend is running, go to the Command Prompt window where it is running and press:

text

Apply

Ctrl + C

This will stop the server.

**2. Start the Backend Again**

In your Command Prompt, make sure you are in your project folder:

sh

Apply

cd "S:\Rebecca\Class Cancellation app"

Then run:

sh

Apply

parse\_cancel\_dates

**1. Start the Backend on All Network Interfaces**

**Stop your backend if it’s running (Ctrl+C), then run:**

sh

Apply

C:\Users\RebeccaM\AppData\Roaming\Python\Python313\Scripts\uvicorn.exe backend:app --reload --host 0.0.0.0 --port 8000

* This makes your backend available to any device on your local network.

**2. Find Your Computer’s Local IP Address**

Open a new Command Prompt and type:

sh

Apply

ipconfig

* Look for your IPv4 Address (e.g., 192.168.1.25). **3. Update the Frontend to Use Your Local IP**
* In your frontend/src/App.tsx, change:
* ts
* Apply
* const API\_URL = "http://localhost:8000/api";
* to:
* ts
* Apply
* const API\_URL = "http://YOUR\_IP\_ADDRESS:192.168.1.160";
* Replace YOUR\_IP\_ADDRESS with your actual IP (e.g., 192.168.1.160).
* **4. Restart the Frontend**
* In your frontend folder, run:
* sh
* Apply
* npm start
* The app will open in your browser at http://localhost:3000.
* **5. Allow Firewall Access**
* If Windows Firewall asks, click “Allow access” for Python and Node.js.
* If not prompted, you may need to manually allow inbound connections on ports 8000 (backend) and 3000 (frontend).
* **6. Test from Another Computer**
* On another computer on the same network, open a browser and go to:
* text
* Apply
* http://YOUR\_IP\_ADDRESS:3000
* (Replace with your actual IP.)

Frontend: S:\Rebecca\Class Cancellation app\frontend>npm start

**How to Run the Backend Manually**

If you prefer to run it manually via command line:

1. **Open Command Prompt/PowerShell** in your project folder
2. **Install dependencies:**

bash

   pip install -r requirements.txt

1. **Start the backend:**

bash

   python -m uvicorn backend:app --host 0.0.0.0 --port 8000 --reload

**�� What the Backend Does**

Your backend (backend.py) is a FastAPI server that:

* Reads data from your Excel file (Class Cancellation App.xlsx)
* Provides API endpoints for getting cancellation data
* Runs on http://localhost:8000
* Has automatic API documentation at http://localhost:8000/docs

**�� Quick Start**

1. **Double-click start\_app.bat** - that's it!
2. Your app will open at http://localhost:3000
3. The backend API will be available at http://localhost:8000

**📖 Documentation**

I've also created README\_QUICK\_START.md with detailed instructions and troubleshooting tips.The batch files will check if you have Python and Node.js installed, install all dependencies automatically, and start both servers for you. Just make sure your Excel file (Class Cancellation App.xlsx) is in the project folder!

**🌐 Complete Deployment Guide**

**�� What You Need:**

1. **GitHub account** (free)
2. **Your app code** (already have)
3. **Excel file** (already have)

**🚀 Step-by-Step Process:**

**Step 1: Upload to GitHub**

1. **Double-click deploy\_to\_github.bat** - this will help you upload your code
2. **Create GitHub repository:**

* Go to github.com
* Click "New repository"
* Name: class-cancellation-app
* Make it **PUBLIC** (important!)
* Click "Create repository"

**Step 2: Deploy Backend to Render**

1. **Go to render.com**
2. **Sign in with GitHub**
3. **Create Web Service:**

* Click "New +" → "Web Service"
* Connect your GitHub repository
* **Name:** class-cancellation-backend
* **Environment:** Python 3
* **Build Command:** pip install -r requirements.txt
* **Start Command:** uvicorn backend:app --host 0.0.0.0 --port $PORT
* **Plan:** Free

1. **Set Environment Variable:**

* Click "Environment" tab
* Add: EXCEL\_PATH = ./Class Cancellation App.xlsx

1. **Upload Excel File:**

* Click "Files" tab
* Upload your Class Cancellation App.xlsx

1. **Deploy** - Wait 2-5 minutes

**Step 3: Deploy Frontend to Vercel**

1. **Go to vercel.com**
2. **Sign in with GitHub**
3. **Import Project:**

* Click "New Project"
* Select your repository
* **Framework:** Create React App
* **Root Directory:** frontend

1. **Set Environment Variable:**

* Add: REACT\_APP\_API\_URL = https://YOUR\_BACKEND\_URL.onrender.com/api
* (Replace with your actual Render backend URL)

1. **Deploy** - Wait 1-3 minutes

**✅ Your App is Live!**

**Your URLs will be:**

* **Frontend:** https://your-app-name.vercel.app
* **Backend:** https://your-backend-name.onrender.com
* **API Docs:** https://your-backend-name.onrender.com/docs

**�� Cost: $0/month**

* Render: Free tier (750 hours/month)
* Vercel: Free tier (unlimited)

**�� Detailed Guide**

I've created DEPLOY\_TO\_PUBLIC.md with complete step-by-step instructions, screenshots references, and troubleshooting tips.

**🔄 Updating Your App**

* **Code changes:** Push to GitHub (automatic deployment)
* **Excel file updates:** Upload new file through Render dashboard

**🌍 Sharing Your App**

Just share the frontend URL with anyone - they can access your app from anywhere in the world!The process takes about 15-30 minutes total, and once done, your app will be accessible to anyone on the internet. The detailed guide I created will walk you through every step with specific instructions and screenshots references.