1) Open the Terminal app. Determine the path to the `GliomaToolV1` folder in File Explorer. Paste the following command into the terminal to navigate to the folder.

   ```
   cd path/to/GliomaToolV1
   ```

2) To check if you are in the right folder, type the following command.

   ```
   ls
   ```

   The result should show the same files listed below.

```
avnith@Avniths-MacBook-Air GliomaToolV1 - Copy % ls
app.py                  models                  requirements.txt        static                  templates               testImages
avnith@Avniths-MacBook-Air GliomaToolV1 - Copy %
```

3) You will need to have Python 3 and pip already installed on your computer. To run GlioGrade, install all necessary packages with

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

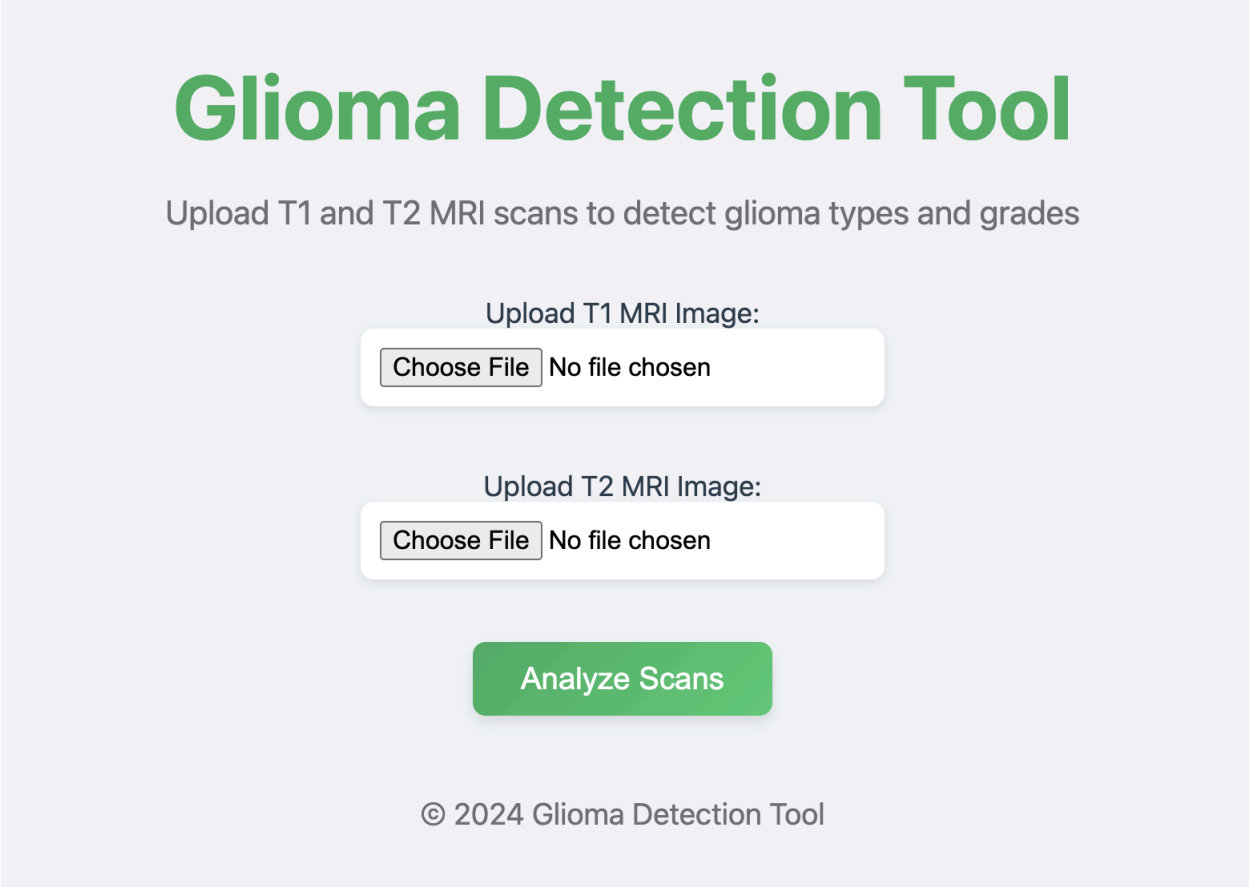
4) Paste the following command to start running the Flask app

   ```
   flask --app app.py run
   ```

   This may take a minute, but the result should look like this:

```
avnith@Avniths-MacBook-Air GliomaToolV1 - Copy % flask --app app.py run
/Users/avnith/Desktop/GLIO/GliomaToolV1 - Copy/.venv/lib/python3.9/site-packages/urllib3/__init__.py:35: NotOpenSSLWarning: urllib3 v2 only supports OpenSSL 1.1.
1+, currently the 'ssl' module is compiled with 'LibreSSL 2.8.3'. See: https://github.com/urllib3/urllib3/issues/3020
  warnings.warn(
WARNING:absl:Compiled the loaded model, but the compiled metrics have yet to be built. `model.compile_metrics` will be empty until you train or evaluate the mode
l.
 * Serving Flask app 'app.py'
 * Debug mode: off
INFO:werkzeug:WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
INFO:werkzeug:Press CTRL+C to quit
```

5) Copy the URL that is given in the output of the previous command. In the image above, it is https://127.0.0.1:5000. Open a new browser tab and navigate to this page. You should see this screen.



6) To use this tool, upload an axial slice of an MRI scan. Note that you will need to upload both a T1 and T2 MRI image. Select Analyze Scans to view the results.

7) There are sample images given in the `testImages` folder which you can use. Any uploaded MRI images and before and after processing will be stored in the `static` folder.

8) To exit the app, go back to the terminal and press `Ctrl + C` to stop running the Flask app. All uploaded MRI images will be deleted from the `static` folder.