Face Attendance App - Usage & Management

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1. Starting the App

Backend:

$ cd server

$ python app.py

Frontend:

$ cd client

$ npm start

2. Features & Routes

- /attendance: Mark attendance by face

- /admin: Admin login

- /admin-panel: Admin dashboard

  - Show Logs

  - Add New Face

  - Manage Dataset

3. Admin Credentials:

Username: admin

Password: 1234

4. Admin Tools

- Add new face via webcam

- View and filter logs

- Delete old logs (by date)

- Export logs as CSV

- Manage dataset (view, search, delete face images)

5. Log Storage

- Locally: logs/attendance_YYYY-MM-DD.csv

- Synced: Google Sheets (service account access required)

6. How to Reset:

- Dataset: Use Manage Dataset > Delete

- Logs: Use Clear Logs by date

- Credentials: Edit App.js login logic

7. Deployment

- Run `npm run build` inside client/

- Host the build folder as static assets

- Use Gunicorn or any WSGI server to host Flask backend