

Emotion Reflection Tool - Assignment Summary

Overview

A simple web app where users enter a short reflection and receive a mock emotion analysis using a React + TypeScript frontend and FastAPI backend.

Tech Stack

- Frontend: React + TypeScript (Mobile-first UI)
- Backend: FastAPI (Python)

Backend Setup

1. Navigate to the backend folder:

```
cd backend
```

2. Install dependencies:

```
pip install fastapi uvicorn pydantic
```

3. Run the server:

```
uvicorn main:app --reload --port 8000
```

Frontend Setup

1. Navigate to the frontend folder:

```
cd frontend
```

2. Install dependencies:

```
npm install
```

3. Run the development server:

```
npm run dev
```

Usage

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1. Start both backend and frontend servers.
2. Open <http://localhost:3000> in your browser.
3. Enter a short reflection (e.g., "I feel nervous about my interview") and click Submit.
4. The app displays a mock emotion result with confidence.