p05-ROH: Le Fin
TNPG: OhanaChica
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TARGET SHIP DATE: 2025-06-06

OhanaChica's Astrology Extravaganza

Overview
This project is a web application that introduces users to astrology through personalized experiences. Users will be able to:
- Discover their astrology sign
- Obtain personalized readings
- Check compatibility with others
- Receive personalized self-improvement tips
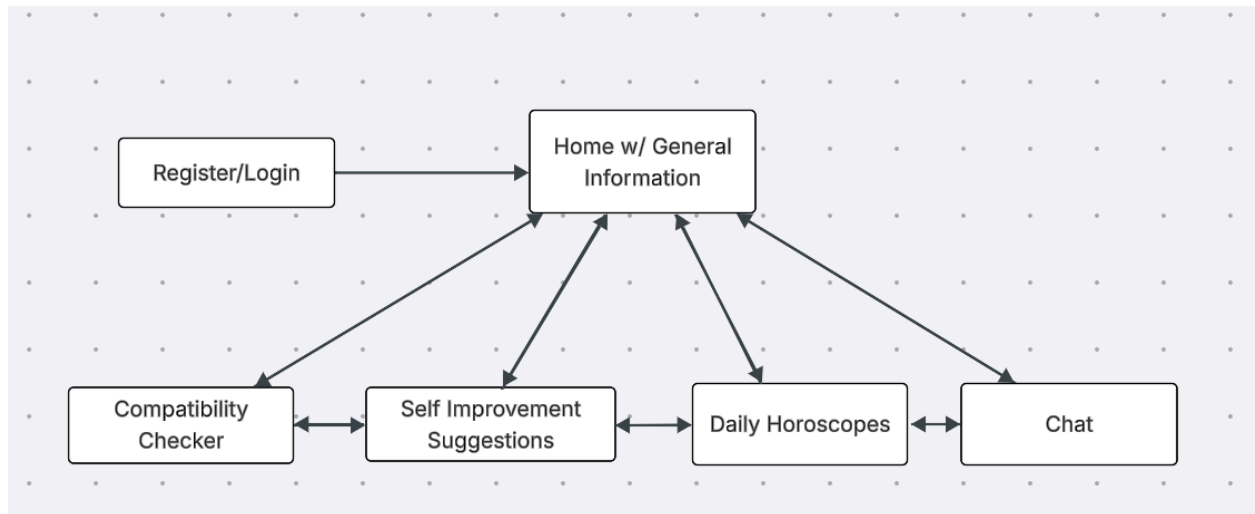- Chat freely with other users
- View their profile

Core Functionalities
1. Daily Horoscope
2. Astrology Sign Descriptions
3. Compatibility Checker
    a. Analysis
    b. Strength
    c. Challenges
    d. Advice
4. Self-Improvement Suggestions
5. Real-Time User Chatting
6. Profile
    a. Username
    b. Zodiac
    c. Birthday
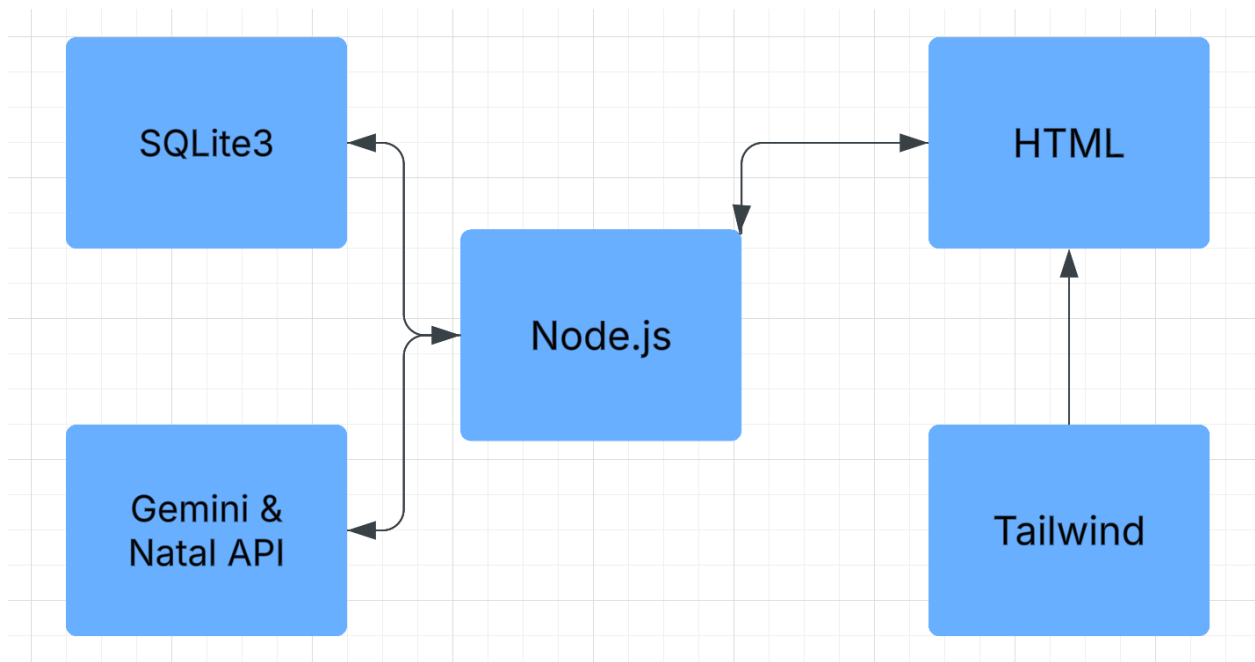
Program Components
1. Node.js:
    a. Handles routing, logic, and API communication
    b. Interacts with WebSockets to implement real-time chat features (optional)
2. SQLite3:
    a. Stores user information (usernames, passwords, birthdays, signs, etc.)
    b. Data used by middleware functions and HTML templates (astrology info)
3. HTML + CSS (tailwind)
    a. Adds styling

Site Map

Component Map

Frontend Framework

Tailwind

- We have decided to use Tailwind, because it is the most friendly framework to most of this team's Devos. We would like to use its cool imaging filters and transitions.

APIs

1. Gemini API
   a. Used to implement our Compatibility and Self-Improvement features.
2. Natal Astrology API
   a. Used for generating users' daily horoscopes. (Was also used to generate datasets for our scraped AI model)

Database Organization

SQLite3

1. Users table
   a. Username
   b. Password (hashed)
   c. Birthday
   d. Astrology sign

username	password	birthday	astrologySign
text	text	int (DDMMYYYY)	text

2. Astrology_Info table
   a. Sign
   b. Personality Traits
   c. Self-Improvement Advice

sign	personalityTraits	compatibleSigns	advice
text	text	text	text

Task Breakdown

Devo	Task
Moyo (PM)	Lead coordination, Backend dev, Websocket Integration
Suhana	Backend dev: AI model fine-tuning
Jessica	Frontend design, User flow testing, Overall UI/UX
Michelle	Backend dev: full training on astrology

	dataset generation, AI model fine-tuning
All	Documentation, Devlog, Final Video Demo