p05-ROH:
2025-05-07
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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 (via birthday input)
- Receive personalized readings
- Get daily horoscopes
- Check compatibility with others
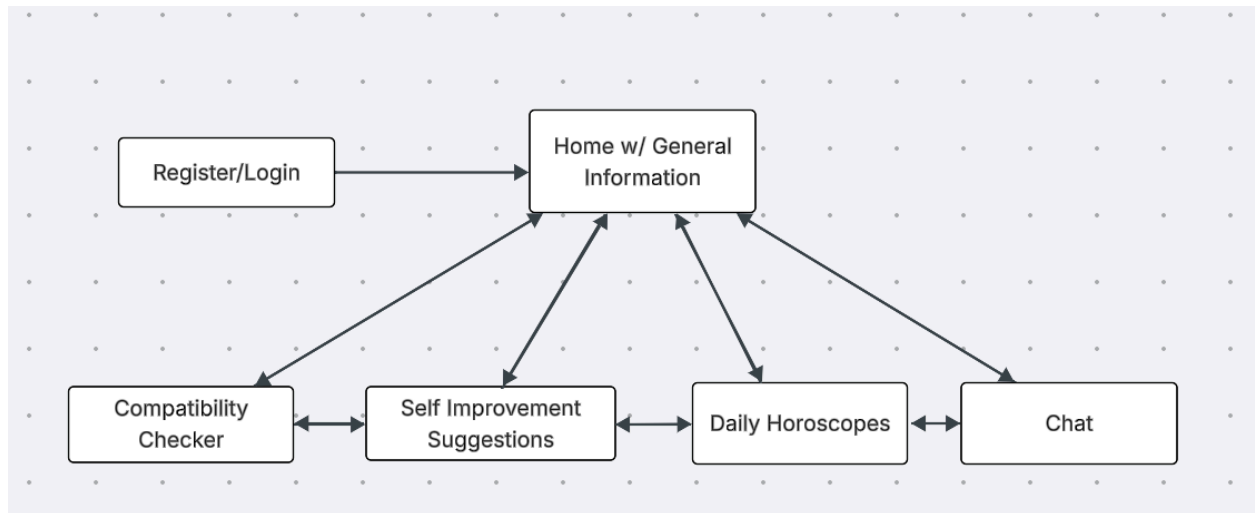- Learn self-improvement tips related to their sign

Core Functionalities

1. Astrology Sign Detection
   a. Input birthday → Output zodiac sign
2. Daily Horoscope (via Self-trained AI Model)
3. Compatibility Checker (via Self-trained AI Model)
4. Self-Improvement Suggestions (via Self-trained AI Model)
5. Optional: User Chat Feature
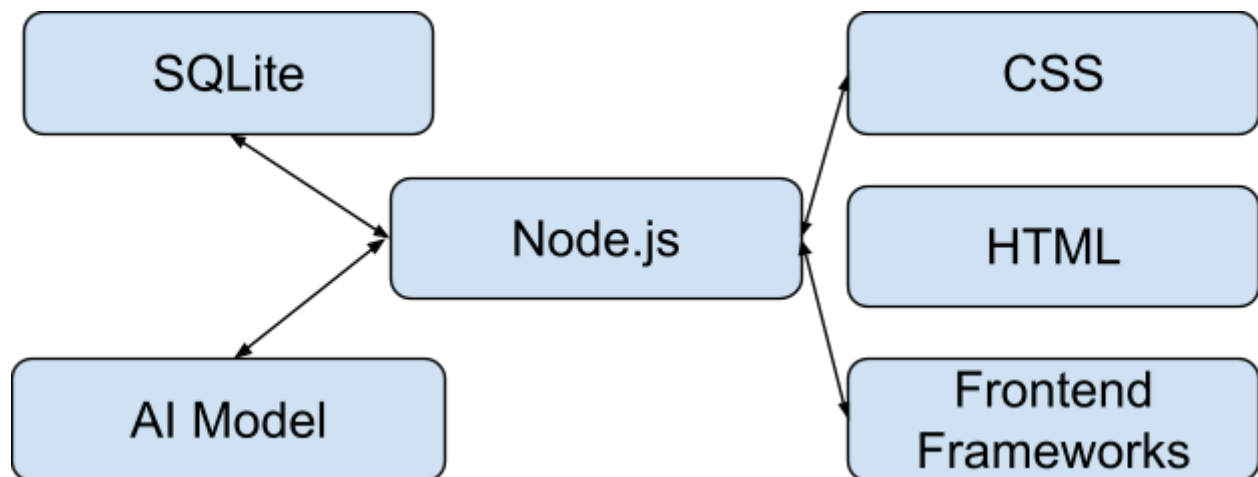   a. Simple, real-time chat using WebSockets (stretch goal if time allows)

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
4. Pre-trained AI model
   a. Train our own AI model for compatibility check and suggestions, daily horoscope predictions, and self-improvement suggestions

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.

Libraries

1. [Kerykeion](#) (need to seek clearance)
   a. Kerykeion is an astrology Python library that makes astrology accessible and programmable. We plan to use it to train our 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. Compatible Signs
    d. Suggested Self-Improvement Advice

sign	personalityTraits	compatibleSigns	advice
text	text	text	text

Task Breakdown

Devo	Task
Moyo (PM)	Lead coordination, frontend design, overall UI/UX
Suhana	Backend dev, AI model training and integration, astrology logic
Jessica	Frontend design and user flow testing
Michelle	Backend dev, AI model training and implementation of horoscope/compatibility logic
All	Documentation, Devlog, Final Presentation