CODEZILLA

[THE ULTIMATE HACKATHON]

AI Health Companion

TRACK NAME:1

TEAM DETAILS

AYUSH ANDURE
FIRST YEAR,COMPUTER ENGINEERING
VIT PUNE

HARSH GHOTKAR
FIRST YEAR,COMPUTER ENGINERRING IN AI AND ML
VIT PUNE

PROBLEM STATEMENT

Create an AI platform that integrates physical and mental health management. Features include personalized advice on diet, exercise, sleep, and stress, along with tools like mindfulness activities, mood tracking, and motivational quotes. Ensure real-time updates and reminders for user engagement.

TECH STACK

- Programming Languages: Python for backend development, JavaScript for frontend development.

- Frameworks: Django for backend; React for frontend.

- Database: PostgreSQL for data storage.

- Cloud Services: **Oracle Cloud Free Tier**
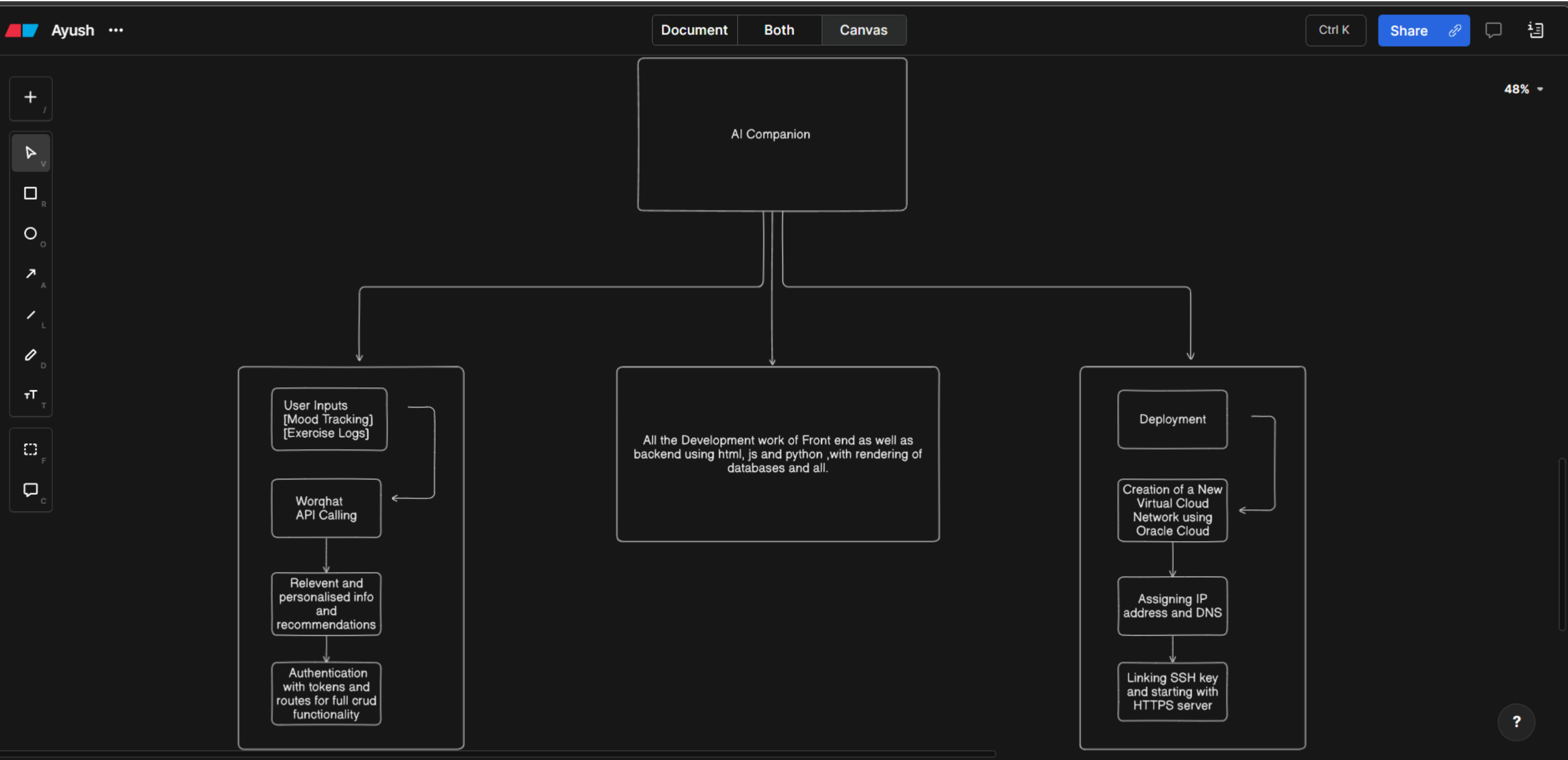
API MODEL USED

WorqHat API Model

The specific WorqHat API model utilized is the Health Management API, which supports various functionalities such as user data integration, personalized health insights, and real-time notifications.

FEATURES

• Personalized Diet and Exercise Recommendations:

Tailored advice based on user preferences and health data.

• Sleep Management Tools:

 Insights and tips to improve sleep quality.

• Stress Management:

Mindfulness activities and relaxation techniques.

• Mood Tracking:

Users can log their moods and receive feedback on patterns.

• Real-time Updates & Reminders:

 Notifications for activities, reminders for exercises, and

wellness tips.

DIAGRAM (IF ANY)

IMPLEMENTATION

User Registration:

Users create an account to access personalized features.

Data Integration:

Connect with wearable devices or health apps to gather data

on physical activity, sleep patterns, and mood logs.

Personalized Dashboard:

A user-friendly interface displaying health insights, tracking

progress, and providing recommendations.

Real-time Notifications:

Implement push notifications for reminders about exercises,

mindfulness activities, and motivational quotes.

Oracle Free Tier which, includes compute instances, which can be utilized for hosting our website

AI Health Companion is in the development phase ,we are currently integrating our features into main branch of our development, API key already secured with our local host on which we are currently developing

THANK YOU!