

FFSD GROUP PROJECT

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PROJECT NAME : NUTRI CONNECT

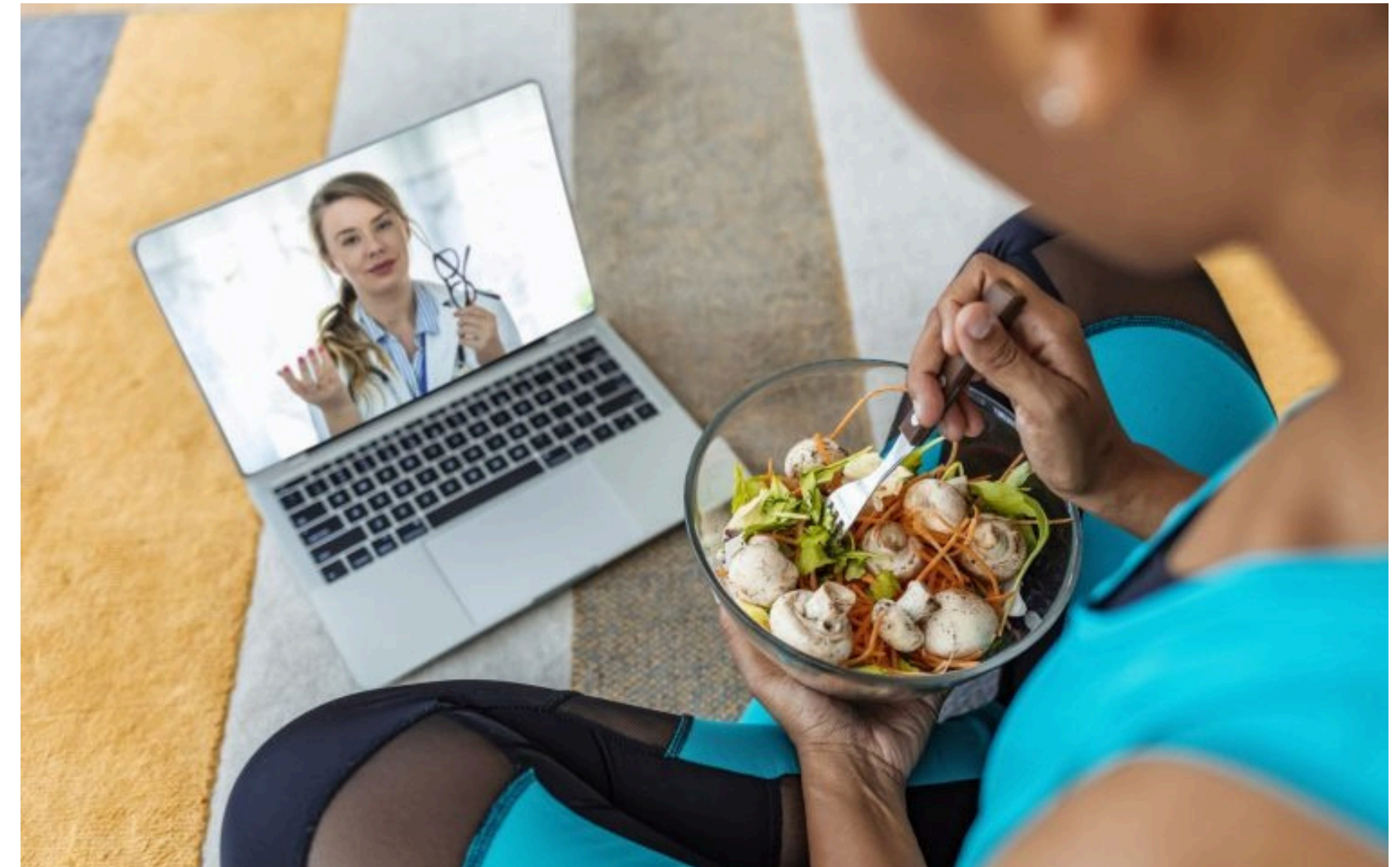
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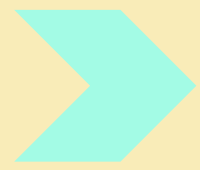
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➤ Abstract of Idea :

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The "Nutrition Connect" project is a comprehensive platform designed to connect individuals with dietitians and nutritionists, enabling users to plan their healthy diets with professional guidance. This platform acts as a bridge between health experts and users, providing personalized meal plans, health consultations, and nutrition tracking. It empowers individuals to achieve their fitness and wellness goals with the support of expert advice, educational resources, and an intuitive interface. By facilitating seamless communication with professionals, it ensures users gain insights into their nutritional needs and make informed dietary choices.





Key Features :

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✓ **Expert Consultation:**

The platform enables users to book appointments with certified dietitians and nutritionists for one-on-one consultations, either virtually or in person.

✓ **Personalized Meal Plans:**

Users receive meal plans tailored to their health conditions, preferences, and goals, curated by experts.

✓ **Nutrition Tracking:**

The platform provides tools for users to log their meals and track their calorie and nutrient intake with professional feedback.

✓ **Dietician Profiles:**

Users can explore detailed profiles of nutritionists, including their expertise, experience, and user reviews, to choose the right consultant.

✓ **Blog:**

A dedicated blog section that provides regular content updates on nutrition, health tips, diet trends, and expert advice. Users can stay informed on the latest developments in the world of health and nutrition.

Expected Outcomes :

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✓ ***Simplified Health Management***

The platform will make it easy for users to manage their nutrition by offering simple tools to track and plan their meals. With the Nutrition Tracker, users can log meals, monitor their calorie intake, and receive professional feedback, helping them make healthier choices.

✓ ***Easy for Everyone to Use***

The platform is designed to be easy for all users, whether they know a lot about nutrition or are just starting. Everyone can access helpful information, including updates on new nutrition tips and trends through the Blog, to make better health choices.

✓ ***Better Health and Productivity***

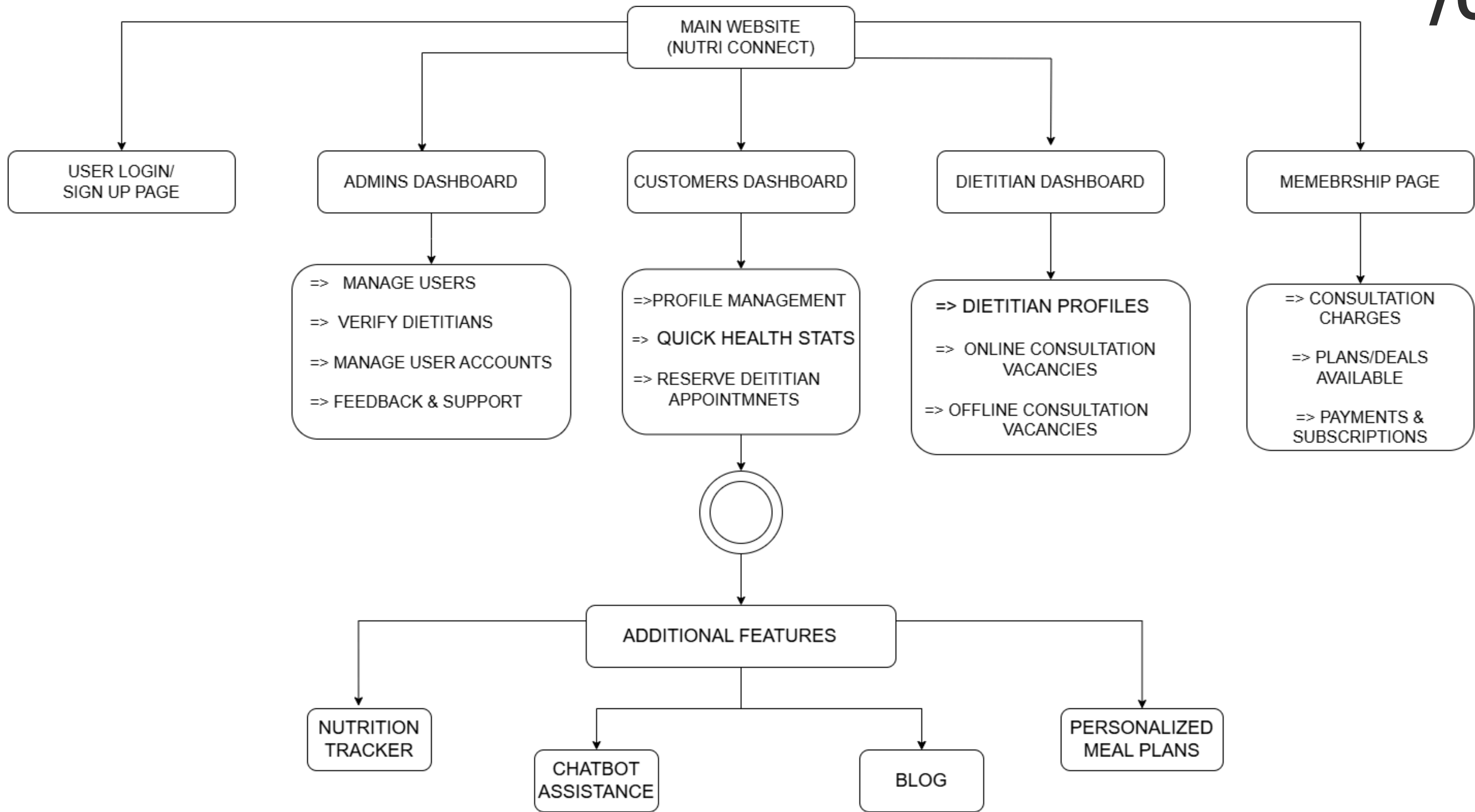
With personalized meal plans and expert consultations, the platform helps users improve their health. The Nutrition Tracker ensures users stay on top of their calorie and nutrient intake, while the Blog offers constant updates and insights for a healthier lifestyle.

✓ ***Encouraging New Ways to Eat Healthily***

The platform promotes creative ways of managing diets by offering customized meal plans and expert advice, helping users find new ways to stay healthy and enjoy their meals. The Blog will keep users inspired with new content and health tips, while the Nutrition Tracker helps them keep track of their progress.

FLOW CHART

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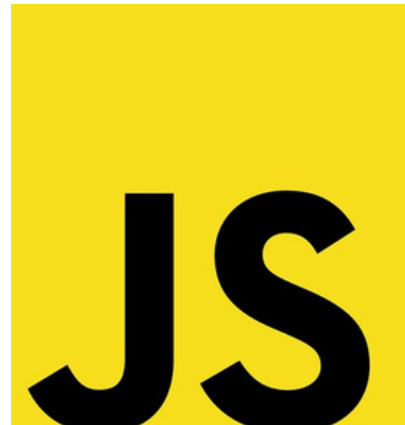
TECH STACK USED :

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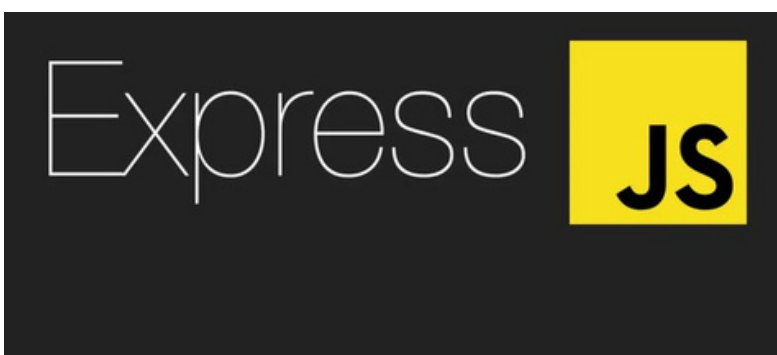
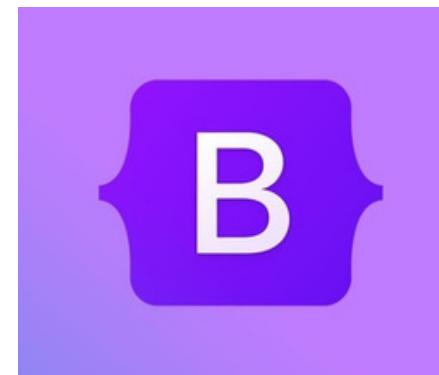
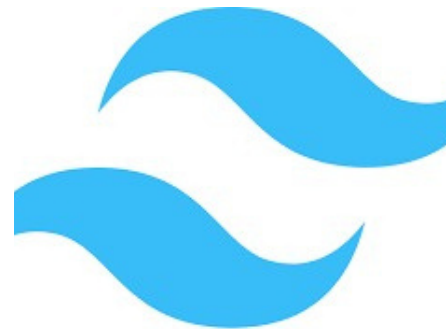
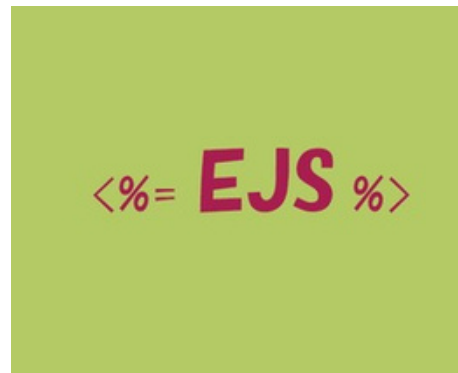
HTML



CSS



EJS



- HTML
- CSS
- JAVASCRIPT
- EJS
- TAILWIND CSS
- BOOTSTRAP CSS
- NODE JS
- EXPRESS JS
- MONGO DB



Before First Review (4 Weeks)

/07

- Frontend:
 - Build basic pages (home, registration, login).
 - Use HTML, CSS, and EJS for the website.
 - Ensure the site is responsive (works on desktop and mobile).
- Form Validation:
 - Implement JavaScript to validate forms.
- Backend:
 - Set up Node.js and Express for the server.
 - Use temporary data storage for meal logging and calorie tracking.



Before Final Review (10-12 weeks)

- Database:
 - Connect to a real database.
- Core Features:
 - User registration and profile management.
 - Patients can book appointments and track meals.
 - Nutritionists can set slots and manage appointments.
- Admin & Verification:
 - Admin portal for managing users.
 - Verify nutritionist credentials.
- Additional Features:
 - Add blog for health tips.

Individual Contribution :

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SAKETH PABBU : Website Structure & Dynamic Content

Creates core pages such as home, registration, and login using HTML, CSS, and EJS to enable dynamic content rendering. Ensures responsive design with Tailwind CSS and Bootstrap CSS. Develops backend routes in Node.js and Express.js to handle user registration, login, and meal tracking functionalities. Contributes to MongoDB by designing user data models and implementing data storage and retrieval for user profiles and meal records.

NERELLA VENKATA SRI RAM : Authentication & Data Management

Implements JavaScript form validation on the frontend to ensure proper user input. Develops secure user authentication with JWT tokens in the backend using Node.js and Express.js. Sets up and maintains routes for meal logging and calorie tracking. Contributes to MongoDB integration, ensuring proper handling of user profiles, meal records, and data persistence across sessions.

INALA SYAMA SRI SAI : Layout & Meal Tracking

Works on the layout and styling of the platform using Tailwind CSS and Bootstrap CSS for a responsive, mobile-friendly design. Collaborates in building backend routes in Node.js and Express.js to manage meal logging and calorie tracking functionality. Partners with the team to integrate MongoDB for storing meal logs, managing user data, and ensuring smooth data retrieval for meal tracking and appointment scheduling.

➤ ***NULAKAJODU MAANAS ANAND* : Admin Functions & Appointment Management**

Develops the admin portal to manage user profiles and ensures role-based access control (RBAC) using Node.js and Express.js. Implements features to view, edit, and delete user profiles. Enhances MongoDB integration by adding functionality to manage and store appointment data. Works closely with the team to ensure seamless appointment management, allowing users and nutritionists to efficiently schedule and manage appointments.



➤ ***NITTA PRADEEP*: Additional Features & Enhancements**

Contributes to the development of the blog section for health tips and updates using EJS to render dynamic content. Adds interactive chat functionality between users and nutritionists to enhance user engagement. Assists in integrating video call functionality for online consultations. Contributes to MongoDB operations, ensuring smooth data storage, retrieval, and integration for meal logs and user profiles.

OUR TEAM : /10

About us :



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**** THE END ****

Thank You...