Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: **Ministry of AYUSH**

PS Code:SIH1555

Problem Statement Title: **Create a Virtual Herbal Garden that provides an interactive, educational, and immersive experience to users, showcasing the diverse range of medicinal plants used in AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homeopathy).**

Team Name: Herb Sphere

Team Leader Name: Animesh

Institute Code (AISHE): U-0934

Institute Name: SRM University AP

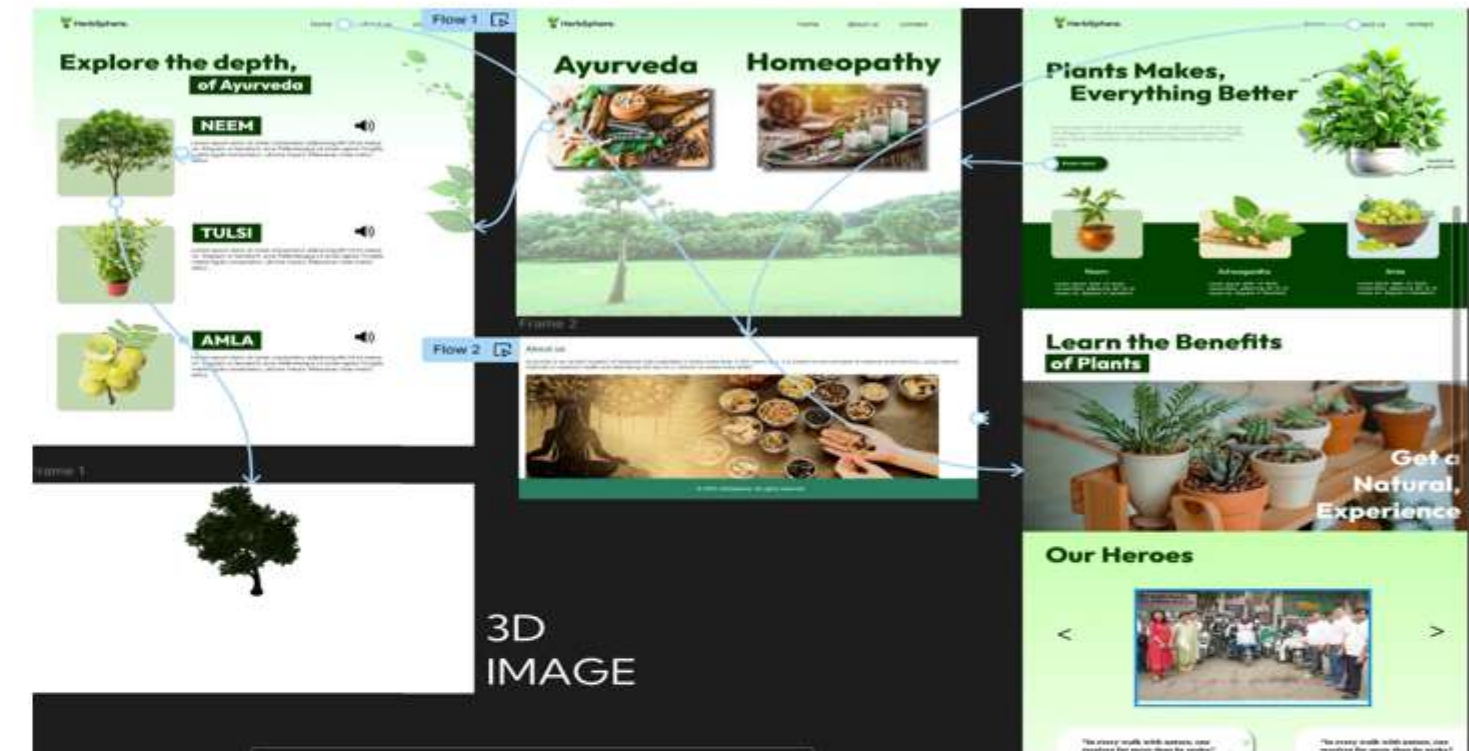**Theme Name: MedTech / BioTech / HealthTech**

Idea/Approach Details
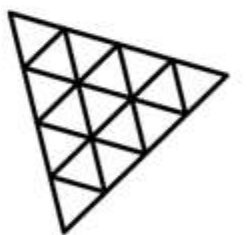
Describe your idea/Solution/Prototype here:

The HerbSphere website features an intuitive navigation experience. Upon clicking "Know More," users are directed to a dedicated page showcasing various plant categories such as Ayurveda, Homeopathy, and others. Selecting any category allows users to explore detailed profiles of multiple plants, where they can read about their uses and listen to audio descriptions.

Additionally, the website includes an awareness section featuring images from rallies, tree-planting events, and inspiring quotes to promote environmental consciousness. On the homepage, a scrollable section displays the names of plants along with their scientific names for easy reference.

Describe your Technology stack here:

Idea/Approach Details

Tourism & Cultural Awareness: "Virtual tourists can explore India's medicinal heritage, learning about the cultural significance of plants used in AYUSH."

Educational Tool for Students & Researchers: "Students and researchers can explore 3D models of medicinal plants, learning their uses in different AYUSH practices."

Accessible Healthcare Knowledge for Visually Impaired: "Visually impaired users can listen to audio descriptions of plants, learning about their medicinal benefits and traditional uses."

Interactive Learning for General Public: "General users can interactively explore plants, receiving personalized wellness suggestions based on AYUSH principles."

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Immersive 3D Plant Models: "Experience the natural world like never before with detailed 3D models of medicinal plants, allowing users to explore their structure, uses, and benefits in a highly interactive environment."

Inclusivity with Audio Descriptions for the Visually Impaired: "Our website ensures accessibility for all by offering real-time audio descriptions of plants, making it an essential tool for the visually impaired to learn about plant benefits and medicinal properties."

Self-Awareness through Ayurveda and Wellness: "With quotes and images promoting self-awareness and holistic well-being, our website resonates with the principles of AYUSH, empowering users to integrate Ayurvedic wisdom into their daily lives."

Team Member Details

Team Leader Name: Animesh

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): ||

Team Member 1 Name: Suryansh Gour

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): ||

Team Member 2 Name:Daksh Vashishtha

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): ||

Team Member 3 Name: Yash Raj

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): ||

Team Member 4 Name: Manthan Singla

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc):CSE   Year (I,II,III,IV): ||

Team Member 5 Name: Aradhya Singh

Branch (Btech/Mtech/PhD etc): Btech   Stream (ECE, CSE etc): CSE   Year (I,II,III,IV): |