



**SMART INDIA
HACKATHON
2022**

Basic Details of the Team and Problem Statement

Organization Name: MINISTRY OF ENVIRONMENT

PS Code: SIH1394

Problem Statement Title: VIRTUAL ZOO

Team Name: VICTUS

Team Leader Name: MITHUNKUMAR C

Institute Code: 4962

Institute Name: NATIONAL ENGINEERING COLLEGE

Theme Name: SMART EDUCATION

Idea/Approach Details

Idea

Hardware and Software Setup: Acquire and set up VR hardware (headsets, controllers) and software (development tools, content creation software).

Content Creation: Create or source 3D models, textures, and audio assets for animals and environments, focusing on realism and quality.

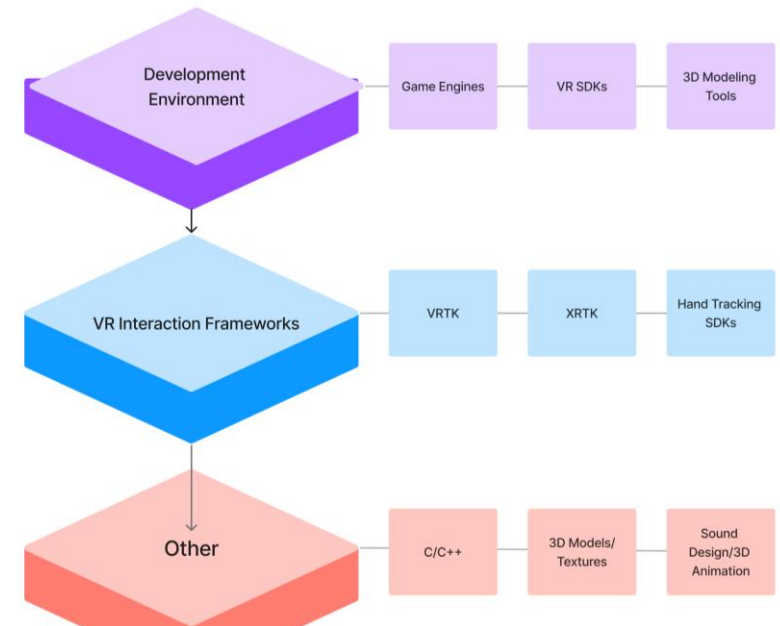
Development: Use VR development software to build the virtual zoo, integrating assets, animations, and user-friendly navigation.

Testing and Iteration: Conduct user testing, address bugs, and optimize performance and user experience based on feedback.

Simulation

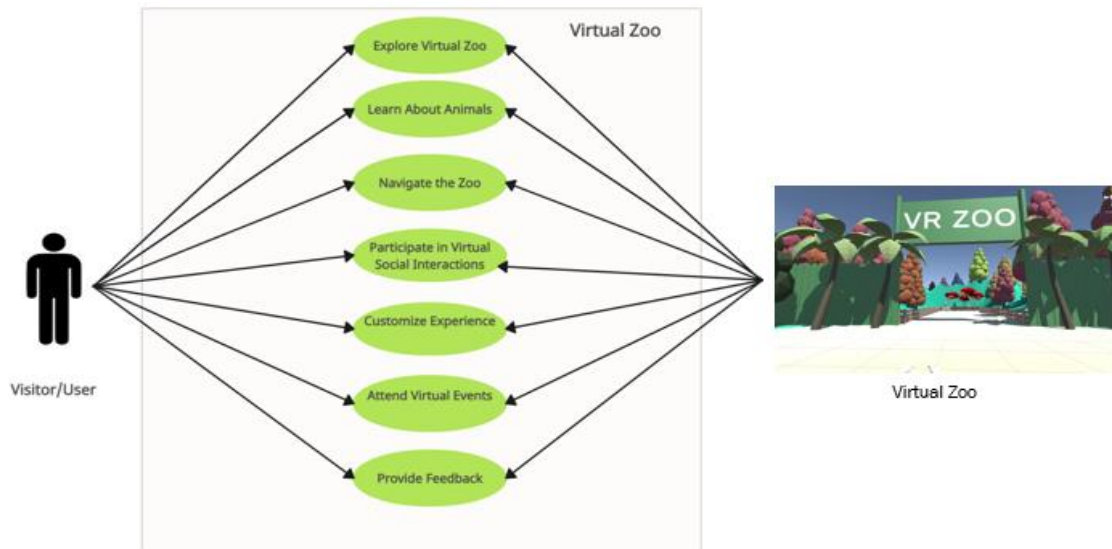


Technology Stack

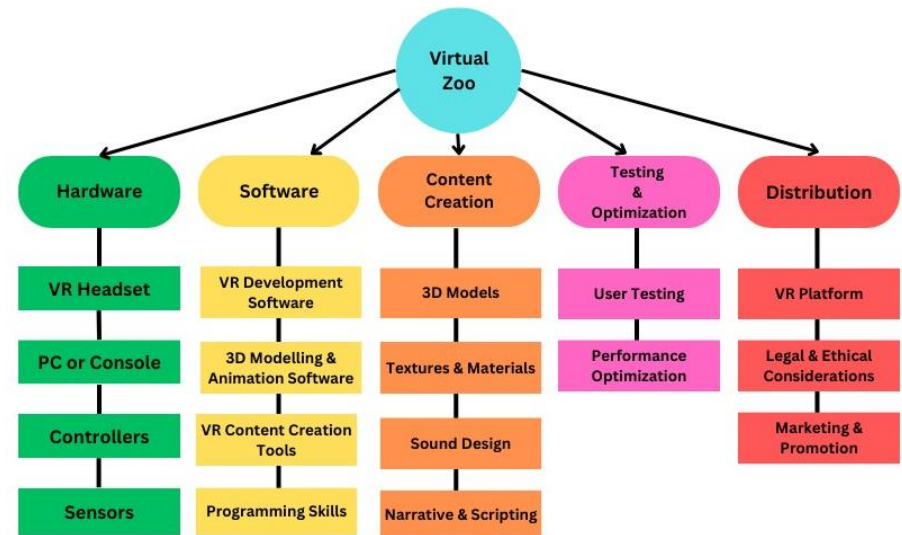


Idea/Approach Details

Use Cases



Dependencies



Team Member Details

Team Leader Name: MITHUNKUMAR C

Branch: BE

Stream: CSE

Year: III

Team Member 1 Name: KESAVAN S

Branch: BE

Stream: CSE

Year: III

Team Member 2 Name: SHRI KANNAN D

Branch: BE

Stream: CSE

Year: II

Team Member 3 Name: M.SANKAR

Branch: BE

Stream: CSE

Year: II

Team Member 4 Name: BHAVANI G

Branch: BE

Stream: CSE

Year: II

Team Member 5 Name: SARANYA M

Branch: BE

Stream: CSE

Year: II

Team Mentor 1 Name: J.KARTHIKEYAN

Category: Academic

Expertise: AR/VR

Domain Experience:

Team Mentor 2 Name: R. VAZHAN ARUL SANTHIYA

Category: Academic

Expertise: AR/VR

Domain Experience: