



Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: AICTE,MIC-student innovation

PS Code: SIH1493

Problem Statement Title: Student Innovation

Team Name: Quantum coders

Team Leader Name: Khushi Chandravanshi

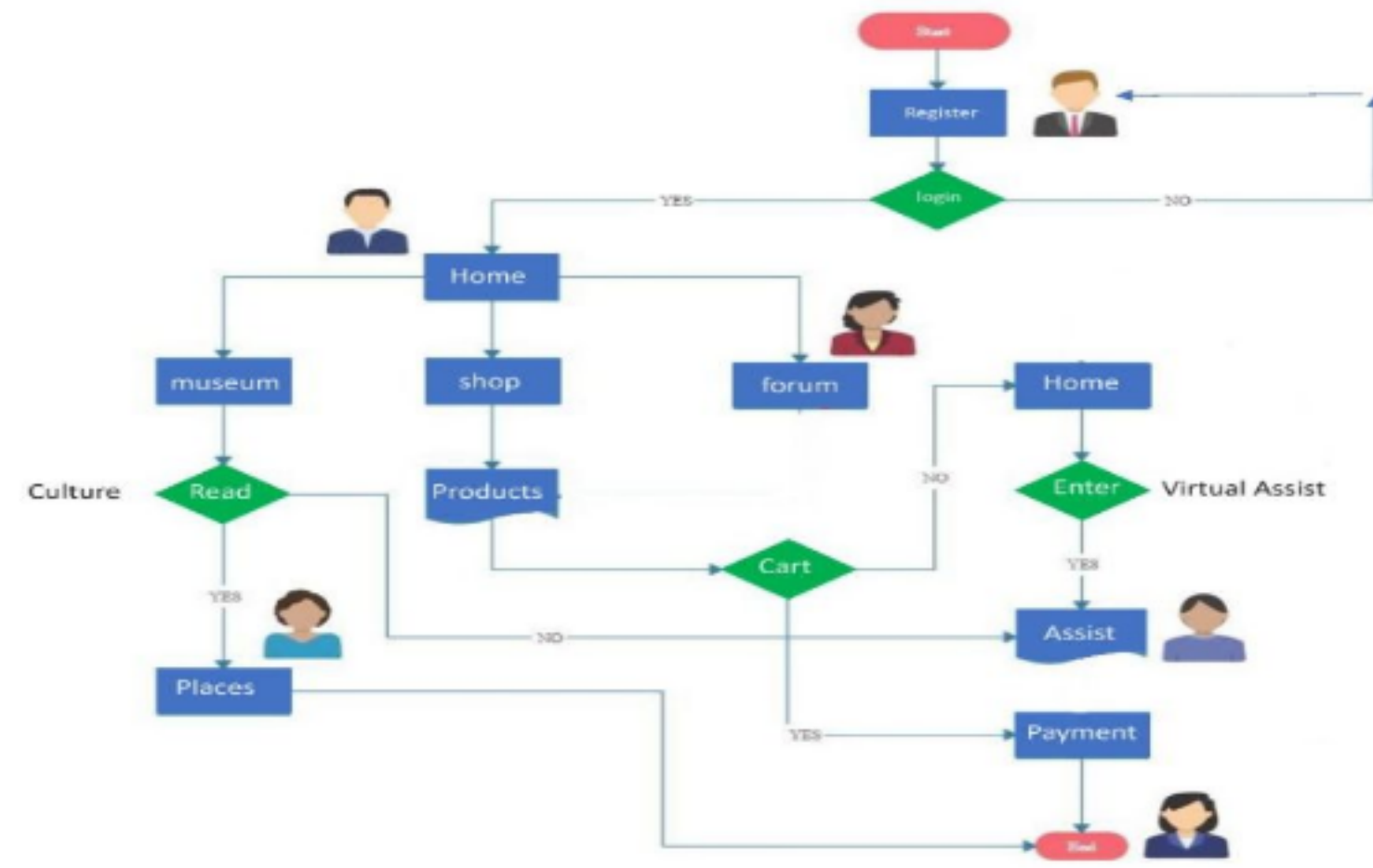
Institute Code (AISHE): C-36266

Institute Name: Shree Dadaji Institute of Technology and Science Khandwa

Theme Name: Heritage & Culture

Idea/Approach Details

- ★ We're looking for solution by creating an **Android** and **web**-based application.
- ★ Into the both supported platforms web (**block chain**) & android (**kotlin , flutter, dart, android**) studio are used.
- ★ In our project **Qrcode scanner** provides list of cultural goods and unique code use to receive payments .
- ★ This application includes **virtual museum** to present cultural artworks like adivasi paintings, madhubani art, tanjore, miniature etc using **AR/VR technology**.
- ★ Our cultural food guide will showcase food of various religion & recipes a well trained **ML recommender system** assist user by tracking their interest.
- ★ **AI powered virtual** assistance will guide user with the support of all available language.
- ★ Data stored in high efficiently , fast and trustable databases like (**mysql , mongodb**)
- ★ An integrated marketplace developed in **web 3.0** and **blockchain** technology.



Technology stack



Idea/Approach Details

Use cases

- ★ User can purchase cultural goods like furniture , hangings, textiles, paintings etc internationally by our using application.
- ★ In cultural festivals our application provides greetings virtually by **ml tool** it gives fame.
- ★ Our application provides **GPS tracking system** to the user to know about our historical places and architecture.
- ★ We are running cultural product's ads for generating **bussiness potential**.
- ★ Learning indian language courses facility showcase our culture internationally by using **chatbot**.
- ★ User can understand about unique cultural **traditions** like ramlila , kumbh mela , bihu etc by using our application.
- ★ Culture and heritage related daily current news provides by our application **internationally**.
- ★ Classical dance, music, genesis stories , indian diverse culture etc **entertain** user in our application.

Dependencies / Stoppers

- ★ Mainly barrier is in our application , **internationally** lunching is not possible for us we need more resources (help of govt).
- ★ Selling of cultural goods needs large amount of **sellers**.
- ★ For using blockchain we need **bitcoin**.
- ★ For making bitcoin we need **sliver**.
- ★ **Integrated system** is a hurdle for gps tracking system in our application.
- ★ For making app and web both resources for users **compatability** need more developers.
- ★ We need experienced **android developer** for developing app on big level internationally.
- ★ No doubt our idea helps to showcase the rich cultural heritage and traditions of india but we need help of govt for implement it

Team Member Details

Team Leader Name: Khushi Chandravanshi

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

Team Member 1 Name: Pravez Sheikh

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

Team Member 2 Name: Mohammed Farhan Khan

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

Team Member 3 Name: Khushboo Chawla

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

Team Member 4 Name: Harsh Rathore

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

Team Member 5 Name: Divyansh Soni

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

Team Mentor 1 Name: Vaishali Sharma

Category - Academic Expertise: Data science Domain Experience (in years): 4 Years

Team Mentor 2 Name: Devansh toklani

Category- Academic Expertise: Python and ml Domain Experience (in years): 3 Years