SMART INDIA HACKATHON 2022

Basic Details of the Team and Problem Statement

Ministry of Culture

PS Code: GM750

Problem Statement Title: Ticketless Entry system to monuments and museums

Team Name: Team007

Team Leader Name: Meghana V

Institute Code (AISHE):   U-0455

Institute Name: Indian Institute of Information Technology, Design and Manufacturing kancheepuram

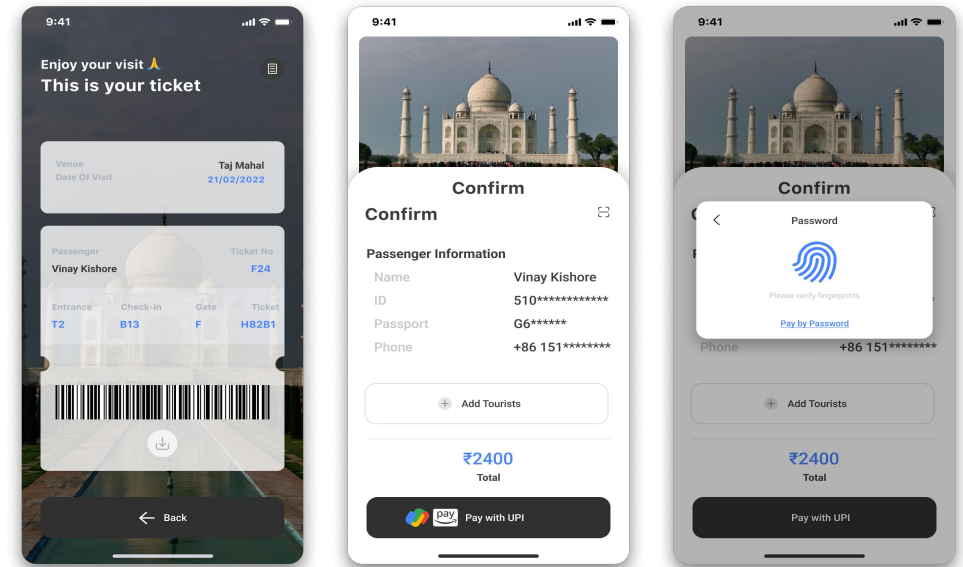**Theme Name:** Paperless ticketing system

Idea/Approach Details

OUR IDEA - SOLUTION - PROTOTYPE HERE:

Our idea is to create a paperless ticketing system along with machine learning based recommendations system for tourists.

A combination of Website and a Mobile app using which visitors can book their ticket and generate a qr code which they can produce at the point of entry and exit.

We're working on the prototype yet.

OUR TECHNOLOGY STACK :

- ReactJs - (Front-end Framework)
- Mongodb - (Backend Framework)
- NodeJs - (Backend Framework)
- Machine learning algorithms.
- Flutter / React Native
- Python

Idea/Approach Details

OUR USE CASES

- Preplanned bookings.
- Avoiding queue in the ticket counter.
- Slot booking or event bookings.
- Getting suggestions on the travel path.
- Reducing time for verification.
- Tracking the persons in-time and out-time.
- Checklist for the things to do in the monument.

OUR DEPENDENCIES - SHOW STOPPER

- Optimised recommendations based on the age location, companions.
- Simple user interface.
- No need of installing an app for on spot booking.
- Suggesting best path to travel multiple places intraday.
- Verification with just a mobile and removing the need of scanners and other devices.
- Checklist for must do things.
- Post the ticket in social media to earn cashback so that its popularity can be increased.

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Team Member Details

Team Leader Name: **V Meghana**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Member 1 Name: **A Vinay Kishore**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Member 2 Name: **Nagasai**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Member 3 Name: **Harsha Vasireddy**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Member 4 Name: **P Jashwanth**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Member 5 Name: **Itagi Somashekar**

Branch :   Btech   **Stream :**   CSE   **Year :** II

Team Mentor 1 Name: Type Your Name Here

Category (Academic/Industry):   **Expertise (AI/ML/Blockchain etc):**   **Domain Experience (in years):**

Team Mentor 2 Name: Type Your Name Here

Category (Academic/Industry):   **Expertise (AI/ML/Blockchain etc):**   **Domain Experience (in years):**

Important Pointers

Please ensure below pointers are met while

- Kindly keep the maximum slides limit to 4 pages

- All the topics should be utilized for description of your idea

- Try to avoid paragraphs and post your idea in points

- Keep your explanation precisely and easy to understand

- Idea should be unique and novel. If it has a business potential more weightage will be given.

- Apart from this PPT abstract of your idea will be asked separately while submitting

- You need to save the file in PDF and upload the same on portal. No PPT, Word Doc or any other format will be supported

- You can delete this slide (Important Pointers) when you upload the details of your idea on SIH portal.