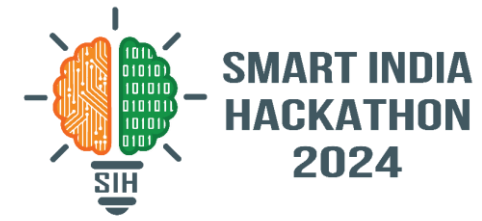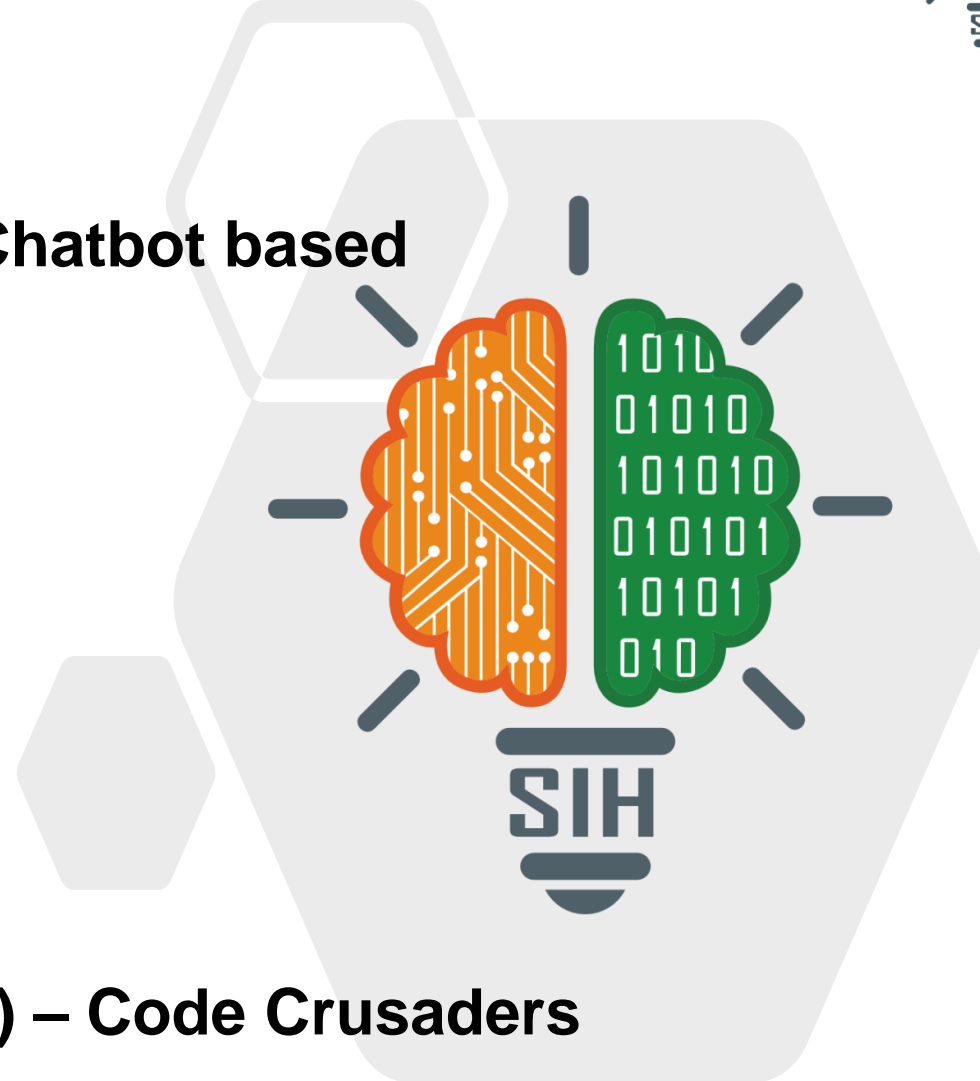# SMART INDIA HACKATHON 2024

- **Problem Statement ID – SIH 1648**

- **Problem Statement Title- Online Chatbot based Ticketing System**

- **Theme- Travels & Tourism**

- **PS Category- Software**

- **Team ID-**

- **Team Name (Registered on portal) – Code Crusaders**

AI Based Ticketing System

❖Solution (YatraSaarthi):

- People often face long queues at heritage sites when buying tickets.
- A proposed solution involves creating a web page with an AI chatbot to offer online ticket purchases, aiming to enhance visitor experience.
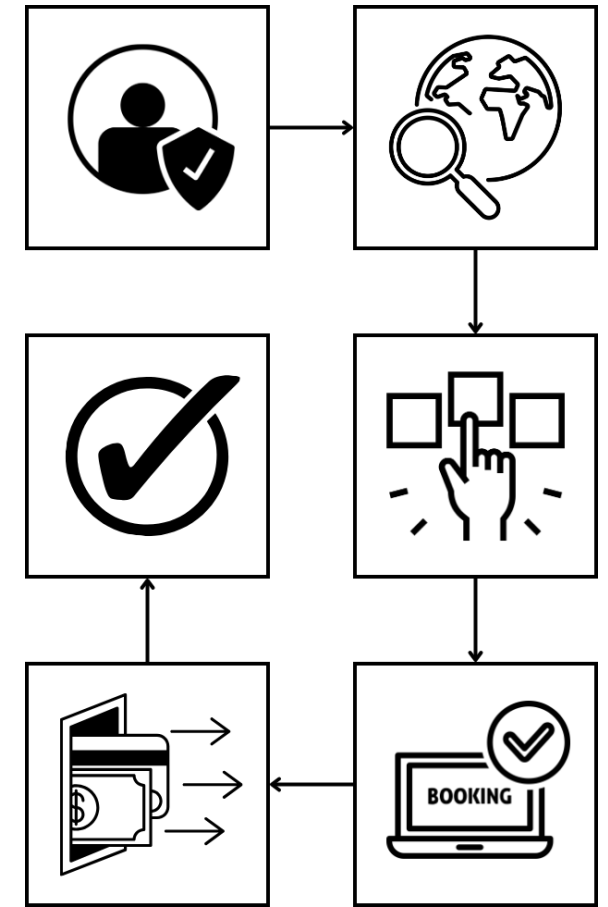
TECHNICAL APPROACH

Process Flow

Frontend Tech Stack

Backend Tech Stack

DBMS Tech Stack

Security Tech Stack

FEASIBILITY AND VIABILITY

Aspects	Feasibility	Viability
Technical Feasibility	**Development of Platforms**: Such development would be easily possible with modern available tools and frameworks.	**Agility**: Its updates should proceed at such a rate as to match both technology innovations and user demand changes.
Operational Feasibility	**Engagement:** Collaboration with heritage locations and tourism agencies is vital.	**Development**: It might also involve guiding, commodities, and collaborating with neighborhood enterprises.
Social Impact	**Cultural Preservation**: Makes it easier for people to visit historical sites, helps preserve culture. **Economic Impact**: Can help local economies by boosting tourism and creating jobs.	

COMPARISON WITH EXISTING WORK

Other Websites	YatraSaarthi
No interaction with AI	A.I Chatbot
No option for changing language	Multi-lingual
Complications in currency exchange	Easy Currency Exchange
Unadaptable scheduling	Flexibility
Has a review section but not a descriptive Blog	Travel Blog
Most websites offer a dull UI	User-friendly Interface

Links – asi.payumoney.com

RESEARCH AND REFERENCES

- Problem Statement Analysis
- Brainstorming & GD's
- Discussion with Faculty Mentors
- Reference Link - https://asi.nic.in/
- Lakshmanan Konar, Stuti Ahuja, R. S. Surya & Pranav Konar Author, Title - Streamlining Heritage Tourism: A Mobile App for Booking and QR Ticketing of Heritage Sites, Title of Publisher – Spribger Link Streamlining Heritage Tourism: A Mobile App for Booking and QR Ticketing of Heritage Sites | SpringerLink