

Problem Statement ID- **1643**

Category- **Software**

Theme- **Smart Education**

# Problem Statement Title - **Portal for innovation Excellence Indicators**



Team name-  
**InnovateX**



Team ID-



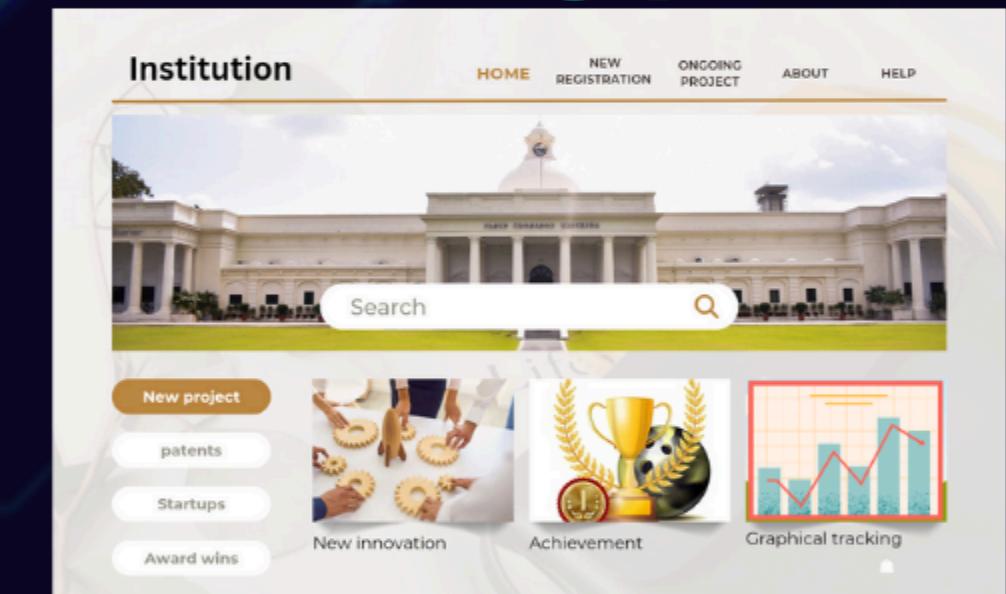
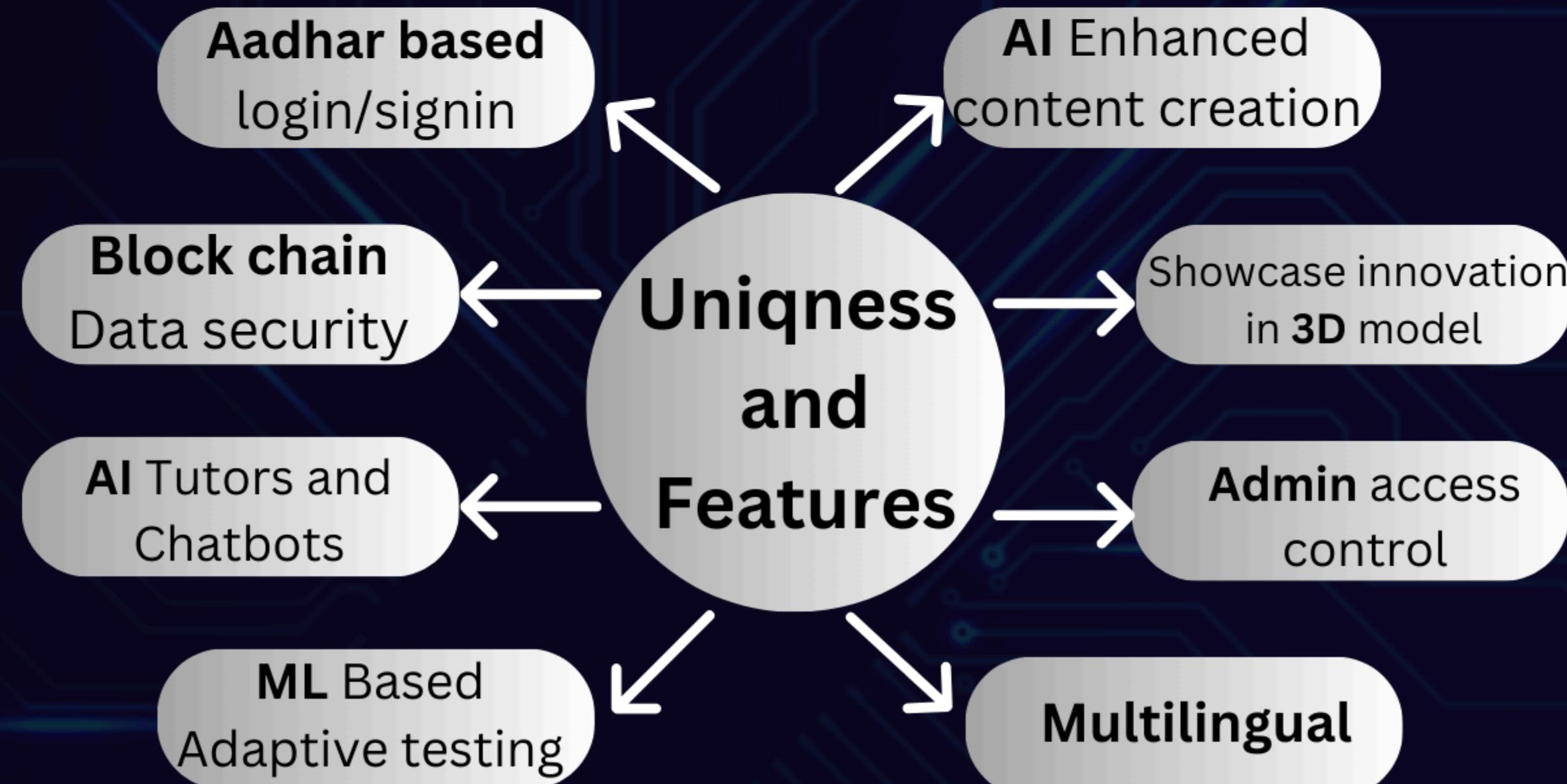
Team leader-  
**Ashutosh Kumar Pandey**  
**(CSE II year)**

Team members -1. Vidisha Maurya, 2. Payal Jha, 3. Yuvraj Yadav, 4. Abhishek, 5. Rohit Sharma  
( CSE )  
( II year ) ( II year ) ( II year ) ( II year ) ( II year )

# Solution

Develop a comprehensive and user friendly Portal for innovation Excellence through **AI/ML or Block chain**.

**Prototype -**



# Tech hack



Web/ App:-  
HTML,CSS,JS  
Python, bootstrap  
Mobile app:-  
Android studio

Frontend



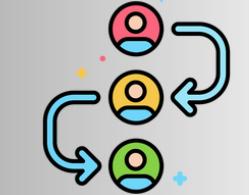
Django,mongodb,  
MySQL  
Java driver  
for Android

Backend



firebase,  
Mongodb

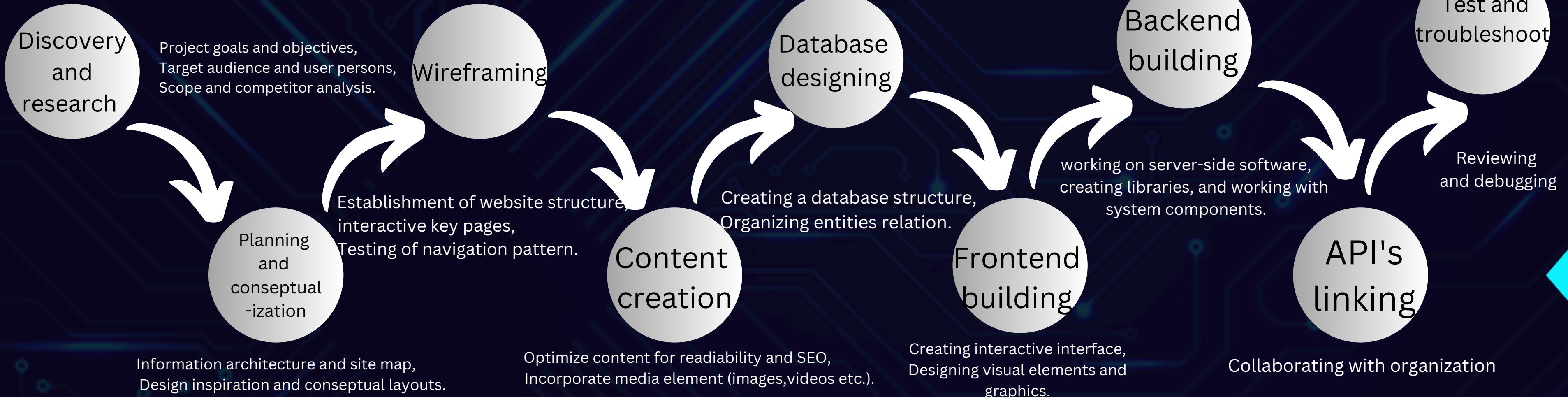
Database



Aadhar API,  
AFIS (Automated  
fingerprint  
Authentication  
System)

Dependencies

## Methodology -





## Technical

- Use of CMS and API's
- Data security and backup.



## Operational

- Organizational structure.
- Beta testing .



## Economic

- Maintenance and updates.



## Legal and organizational

- Adherence to copyright laws.
- Compliance with data protection regulations (e.g., GDPR).



## Social

- Community Building.
- User feedback.

## Potential challenges and strategies to overcome

## Technical issues

Beta testing ,  
Use of API's.

Data encryption,  
SSL certificates.

Data privacy  
and security

Content  
organization

intuitive site structure,  
Multimedia accessible.

Easy Navigation,  
Interactive UI.

User  
Engagement

## Feasibility

## Viability

Responsive  
design

Mobile  
Compatibility

Content  
Quality

ADA  
compliance

Accessibility

Multimedia  
integration

# Impact



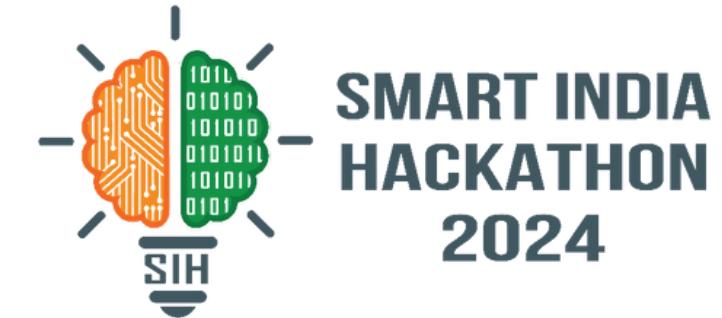
# Benefits



- ★ Centralized information hub.
- ★ Increased accessibility.
- ★ Promotional tool.
- ★ Enhanced communication.
- ★ Streamlined innovating Process.
- ★ Enhanced creativity.
- ★ Promoting innovation.

# RESEARCH AND REFERENCES

# IMPORTANT INSTRUCTIONS



Please ensure below pointers are met while submitting the Idea PPT:

1. Kindly keep the maximum slides limit up to six **(6)**. ( Including the title slide)
2. Try to avoid paragraphs and post your idea in points /diagrams / Infographics /pictures
3. Keep your explanation precise and easy to understand
4. Idea should be unique and novel.
5. You can only use provided template for making the PPT without changing the idea details pointers (mentioned in previous slides).
6. 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.

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