



**SMART INDIA  
HACKATHON  
2022**

# Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: ALL INDIA COUNCIL FOR TECHNICAL EDUCATION(AICTE)

PS Code: DR720

Problem Statement Title: Interlinked platform for School education, Higher education and Technical education in India.

Team Name: Comp Crew

Team Leader Name: Malay Kumar Purohit

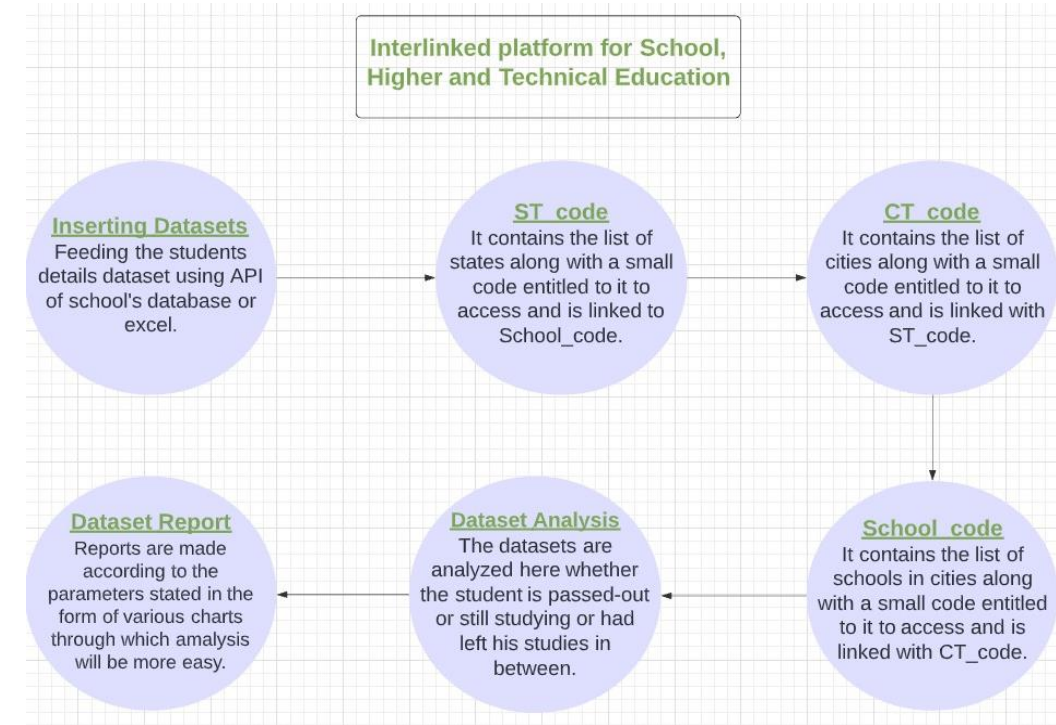
Institute Code (AISHE): C-30072

Institute Name: SILICON INSTITUTE OF TECHNOLOGY,  
SAMBALPUR

Theme Name: SMART EDUCATION

# Idea/Approach Details

- The idea is to create a common platform where the complete information of the student about his school, High School and University is present.
- In the first approach will be to break the problem statement into School Data , High School Data and University Data. School Data will contain the data of students like their Date of joining, Date of Leaving, 10th and 12th marks and the most importantly “Shift to” column[Foreign Key].
- This “Shift to” column will tell where the student has gone after completing his school, it will contain NULL if the student is a dropout, this column will contain a code which will tell if he has gone to study abroad or he is in India along with the state code and the High School or University name.



## Describe your Technology stack here:

- Python Data Frames like Pandas, Numpy
- Mongo DB
- Django
- Data Visualization using Seaborn and Matplotlib
- Selenium for Automation

# Idea/Approach Details

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## Describe your Use Cases here

- The Government is looking to identify the grey areas about the female taking dropouts In a particular state.
- Hence by using our Platform and 'Filter' option present the Government can select a specific state, city and can also specify the name of the school here.
- As the data will be shown by using the analytics here via Graphs and Tables then we can show the major dropouts from a particular city. Hence by knowing this , the Government can start working on that area.

## Describe your Dependencies :

- The Government to ask the Schools, High Schools and Colleges to provide their student's data in their respective Websites so that our team can collect them.

## Show Stopper :

- The datasets not been uploaded from school, high school and college to their respective websites.

# Team Member Details

**Team Leader Name: Malay Kumar Purohit**

Branch : Btech	Stream :	CSE	Year: III
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**Team Member 1 Name: Aniket Shukla**

Branch : Btech	Stream:	ECE	Year: III
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**Team Member 2 Name: Gourish Bhagat**

Branch : Btech	Stream:	ECE	Year: III
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**Team Member 3 Name: Shoib Ansari**

Branch : Btech	Stream:	CSE	Year: III
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**Team Member 4 Name: Subham Kumar**

Branch : Btech	Stream:	CSE	Year: II
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**Team Member 5 Name: Sanskruti Maharana**

Branch : Btech	Stream:	CSE	Year: II
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**Team Mentor 1 Name: Type Your Name Here**

Category (Academic/Industry):	Expertise (AI/ML/Blockchain etc):	Domain Experience (in years):
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**Team Mentor 2 Name: Type Your Name Here**

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