Basic Details of the Team and Problem Statement

SMART INDIA HACKATHON 2023
SIH

Ministry: **Ministry of Education**

PS Code: **SIH1431**

Problem Statement Title:**Online personalized learning remediation/tutoring tool. Search for best teacher for specific topics**.

Team Name: **Ed-Tech Titans**

Team Leader Name: **Ch.Karthik**
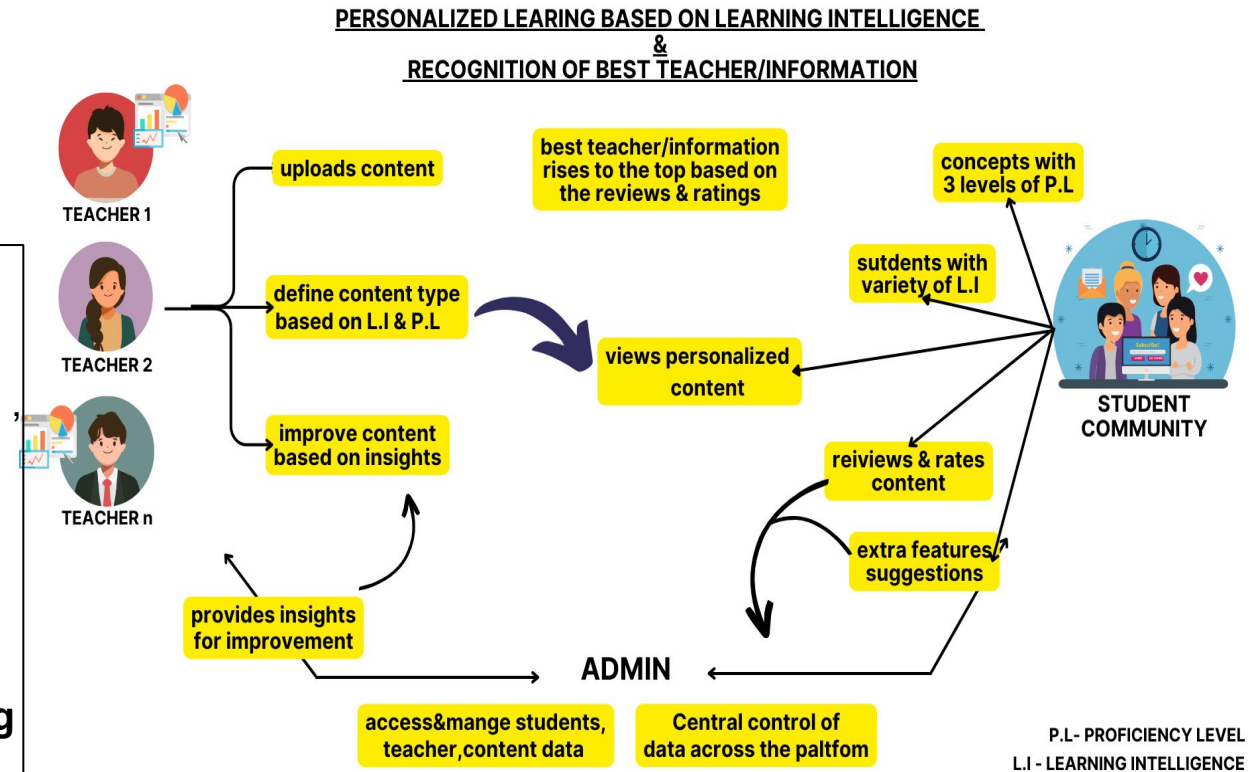
Institute Code (AISHE): **C - 24168**

Institute Name: **SRKR Engineering College**

Theme Name: **Smart Education**

Idea/Approach Details

Describe your idea/Solution/Prototype here:

- The remedial learning/tutoring is based on the student's **learning intelligence**(Verbal-linguistic ,Mathematical-Logical , Musical, Visual-Spatial, Bodily-Kinesthetic, Interpersonal, Intrapersonal, Natrualist and Existential Intelligences) and **proficiency level of the concept.**

- Student can attend for **remedial learning** for a specific concept or learn a new topic totally from scratch.The **content recommendation is totally based on the student's learning intelligence.**

- Several teachers will upload content, considering the **concept's difficulty level** and the **type of intelligence that best suits** the content they upload.

- **Ratings and feedback,**that is taken from students after the viewing the content,will be used for **identifying the best teacher/information.**

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TEACHER 1

TEACHER 2

TEACHER n

- uploads content
- define content type based on L.I & P.L
- improve content based on insights

provides insights for improvement

ADMIN

access&mange students, teacher,content data

Central control of data across the paltfom

best teacher/information rises to the top based on the reviews & ratings

concepts with 3 levels of P.L

sutdents with variety of L.I

views personalized content

STUDENT COMMUNITY

reiviews & rates content

extra features/ suggestions

P.L- PROFICIENCY LEVEL
L.I - LEARNING INTELLIGENCE

Describe your Technology stack here:

- **Front-end :** HTML5, CSS3, JavaScript

- **Database :** MySQL

- **Server Side Programming:** PHP7, AJAX, JQuery
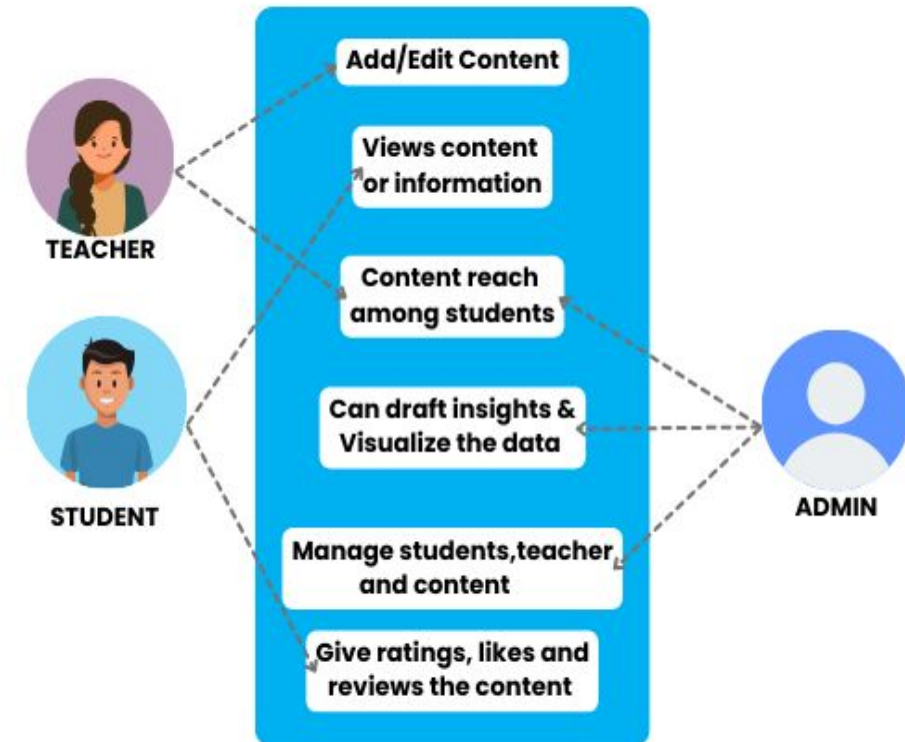
- **Other Necessary Plugins:** Bootstrap, JSON ,

Idea/Approach Details

- **STUDENTS :** Takes test to **figure out their learning intelligence**, like math, language,visuals, physical activities, and understanding nature.
- After the test, the platform suggests c**ontent that match the student's strongest learning intelligence.**

- A strong rating and review system let students share their opinions, making sure the **best content and teachers get recognized.**

- **TEACHER :** Teachers upload their teaching materials, **categorizing them by student learning intelligences, proficiency levels, and content types.**

- These materials come in different forms like videos, pictures, real-life situations, and math examples you can use in real life.

- **ADMIN :** Admin drafts insights and visualize the data,monitors the analytics of students,teachers and type of content reach among students, adds extra features to the platform if requested, control center for the complete platform.

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Dependencies: Internet, Smart Device

Team Member Details

Team Leader Name: Ch.Karthik

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

Team Member 1 Name: J.R.S.Sathwik

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

Team Member 2 Name: R.Sahithi Pallavi

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

Team Member 3 Name: V.Puneeth

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

Team Member 4 Name: K.Rishitha

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

Team Member 5 Name: B.Tejesh

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