SMART INDIA HACKATHON 2022

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:

Government of Maharashtra

PS Code : 0S872

Problem Statement Title: Real time tracking of students learning's outcomes and their academic progress across schools.

Team Name : Digital Brains

Team Leader Name : P PRANAV TEJA
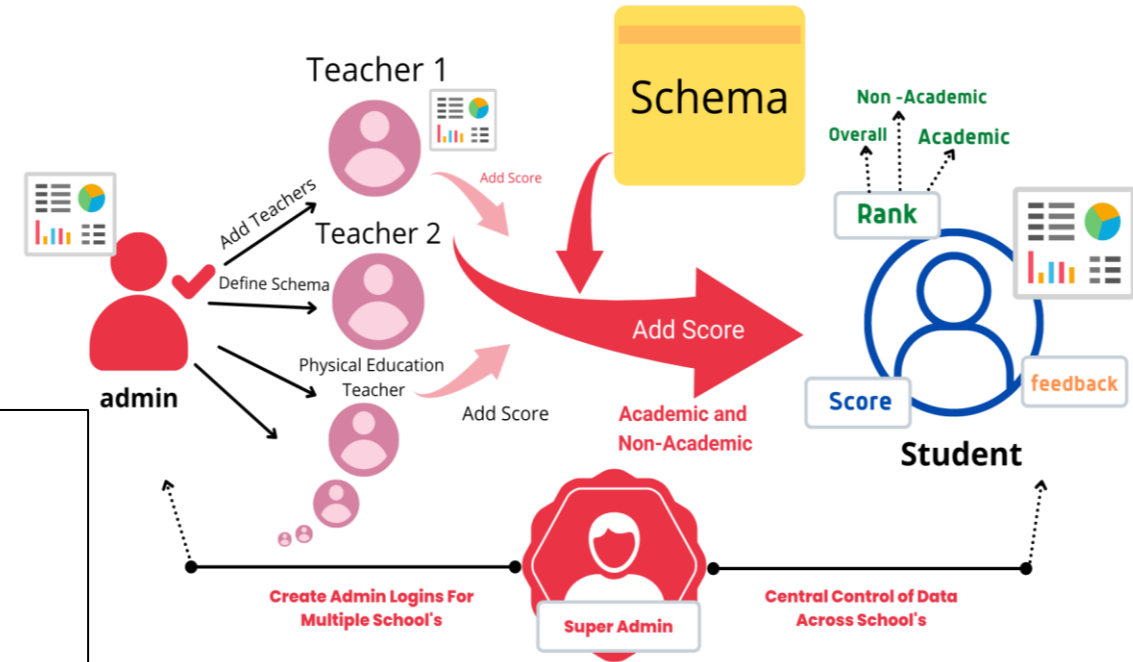
Institute Code (AISHE) : C-24163

Institute Name : SRKR Engineering College

Theme Name : Smart Education

Idea/Approach Details
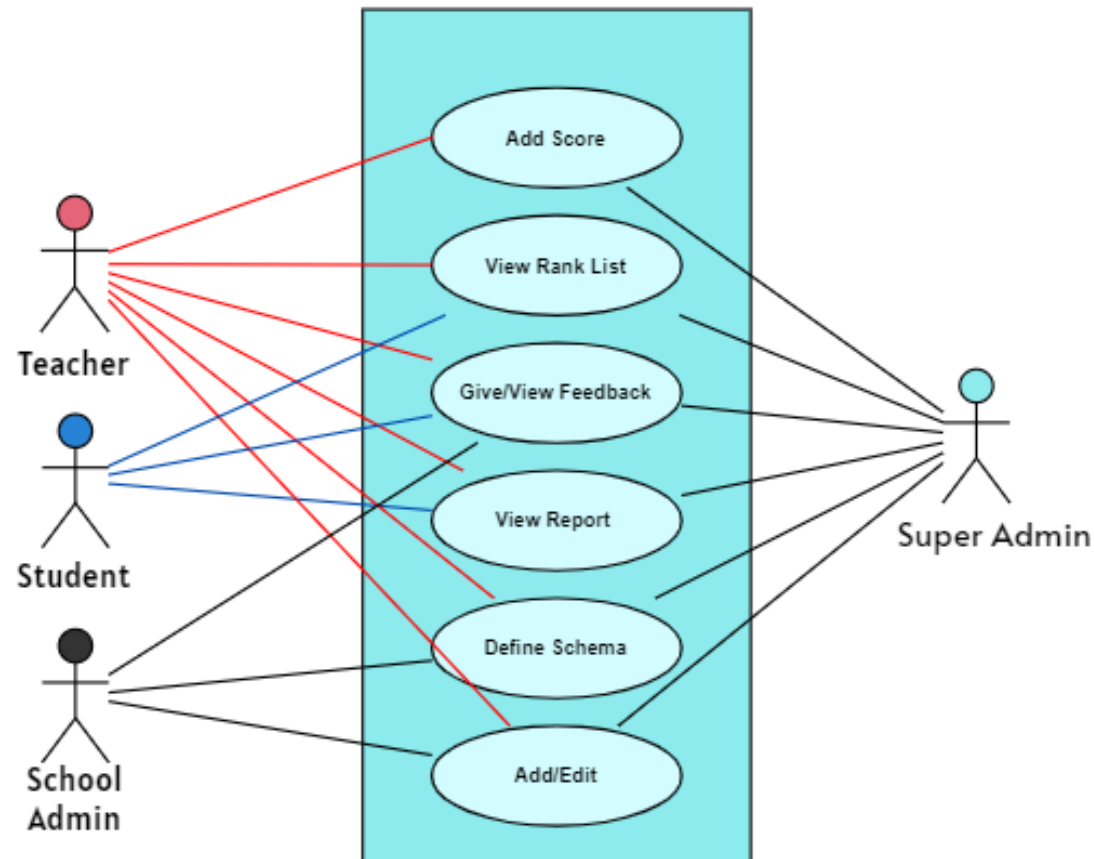

Describe your idea/Solution/Prototype here:

➤ We propose a real-time **score-based evaluation system** that gives points/score for academic and non-academic performance of students across all the schools in India.

➤ The App developed is **Portable** and can be used to **award points in real time in classroom, playground or elsewhere**.

➤ School Admin / Teacher can **visualize the overall performance real time of an individual** in different categories as defined in the scheme of evaluation.

➤ Based on the evaluation result, white and grey areas of an individual can be assessed and feedback can be generated automatically in real time which can help the individual to analyse his/her performance.

Describe your Technology stack here:

➤ Front-end : HTML5, CSS3, JavaScript

➤ Database : MySQL/MariaDb

➤ Server Side Programming: PHP7, AJAX, JQuery

➤ Other Necessary plugins: Bootstrap, JSON, ChatJS,

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Idea/Approach Details

Describe your Dependencies / Show stopper here

➢ Dependencies: Internet , Smart Device

Describe your Use Cases here

➢ Teacher : Define schema for awarding points, add examination results, add points, View student performance and class analytics & Rank list
➢ Student : View his/her progress, rank in the class, download report card, view teachers feedback and asses his performance
➢ Admin : Add/edit teachers ,students or classes, database administration
➢ Super Admin : Creates logins for schools

Team Member Details

Team Leader Name: P PRANAV TEJA

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

Team Member 1 Name: S CHARAN SAI

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

Team Member 2 Name: M GANESH BABU

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

Team Member 3 Name: K GOWTHAM

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

Team Member 4 Name: G AISHWARYA

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

Team Member 5 Name: T CHANDRIKA

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

Team Mentor 1 Name : Dr. M .SURESH BABU

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

Team Mentor 2 Name: Jagadish

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