

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:

Government Of Maharashtra

PS Code: OS873

Problem Statement Title: Teachers (From Recruitment, posting to entire duration of their service as teachers) Management System

Team Name: Smart tech

Team Leader Name: Anjali Parbhane

Institute Code(AISHE): C49660

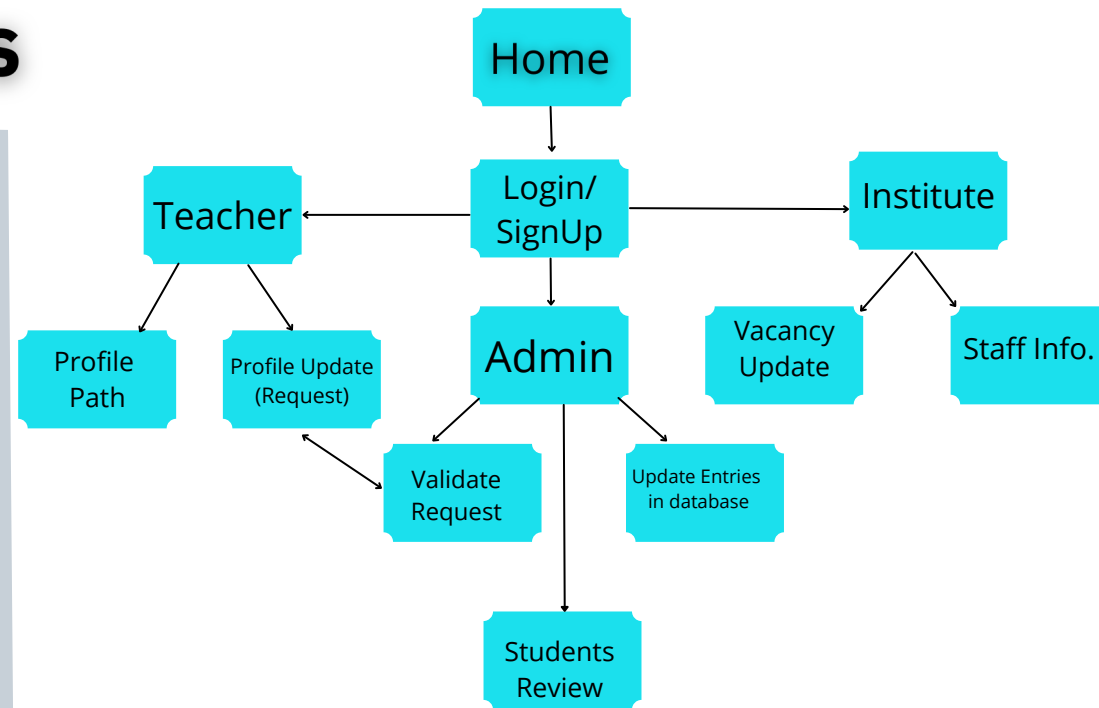
Institute Name: Pimpri Chinchwad College of Engineering and Research, Ravet, Pune

Theme Name: Smart Education

Idea/Approach Details

Solution/Prototype:

- Building a web application to keep track of entire service duration of teachers hired by government.
- Application will be control and managed by government authority or maintaining teacher information and viewing their stats.
- One stop solution for maintaining details o teachers which was previously done manually.
- For maintaining quality of education faculty review by students will be analysed.
- We can form teachers community to share new teaching methodology and new infrastructures acquired by institutes.
- Tracking teachers profile and validating it which was done manually now could be done from a single online platform.
- This website gives seamless one click download option for teachers to download their official verified CV(contains entire carrier path with all details)
- Automated posting management after the service duration as per government counselling which teacher has to accept from given options.
- Admin has full information of vacancies or furnished which(Data) could be further used by Government recruitment cell for recruitment.
- Admin also has a unique Universal search box in which we can search data from any keyword such as Name, School/College Name, particular Qualification, Age group,etc.
- The entire Data which is stored in Data base is secured because we have authorised the user with JWT tokens.



Technology stack:

Frontend

- Reactjs
- Material UI

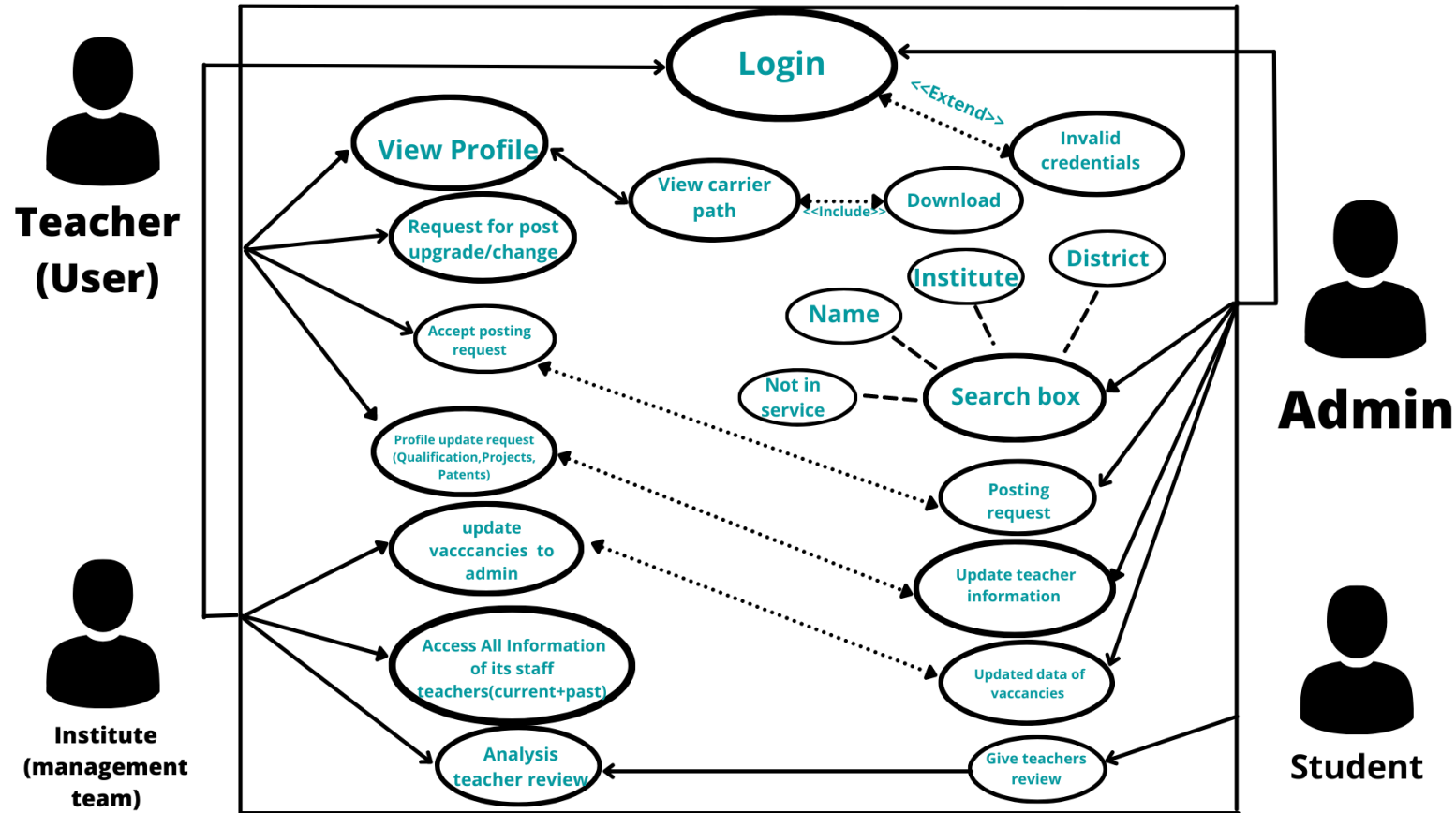
Backend

- Express
- Firebase

Cloud

- Google Cloud

Use Case Diagram



Show Stopper

- One stop solution for maintaining teachers information.
- This platform provides transparency in posting of teachers.
- New way of sharing ideas through digital communication.
- Maintaining gender ratio of teachers in various institutes

Team Member Details

Team Leader Name: Anjali Parbhane

Branch (BE) Stream (CE) Year (II)

Team Member 1 Name: Aman Pandey

Branch (BE) Stream (CE) Year (II)

Team Member 2 Name: Bhavesh Pandey

Branch (BE) Stream (CE) Year (II)

Team Member 3 Name: Rucha Gaikwad

Branch (BE) Stream (CE) Year (II)

Team Member 4 Name: Sakshi Jadhav

Branch (BE) Stream (CE) Year (II)

Team Member 5 Name: Jitesh Rajput

Branch (BE) Stream (CE) Year (II)

Team Mentor 1 Name: Sonali Lunawat

Category : Academic Expertise : Deep Learning And Cloud Computing Domain Experience : 14 years

Team Mentor 2 Name: Jameer Kotwal

Category : Academic Expertise : Deep Learning Domain Experience : 12 years