	Dr D Y Patil Pratishthan's Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune	
Academic Year: 2022-23	Project Synopsis	
Term – I	Department: Computer Engineering	Date of Preparation :

Domain Name	React JS, Java, Machine learning.
Project Title	Teacher Management System
Group ID	26
Student Name (with roll no)	Ojus Jaiswal BACO19108 Kavita Sahu BACO19109 Aaryan Patil BBCO19125
Guide Name	Mrs Ketaki Bhoyar

Abstract


Right Now there is no such portal that provides a single-stop platform for the government to manage all the teachers under their employment. Thereby this project proposes a portal that will be capable of helping the Institutes make the entire process of resource management more streamlined and hence, transparent. Along with resource management, it also provides a web for the teachers to engage with schemes of the government, receive official government notifications directly regarding teaching, and manage their own profiles. From Recruitment to Retirement along with service book handling the portal satisfies all the needs with three user interfaces specifically 'teacher', 'admin', and 'Institute' having separate login and permissions for Admin (Govt.), Schools/Institutes, and Teachers themselves. This project uses the latest technologies such as MERN stack, java, and machine learning to accomplish the objective of providing a completely automated Teacher Recruitment and management portal.

Problem Statement

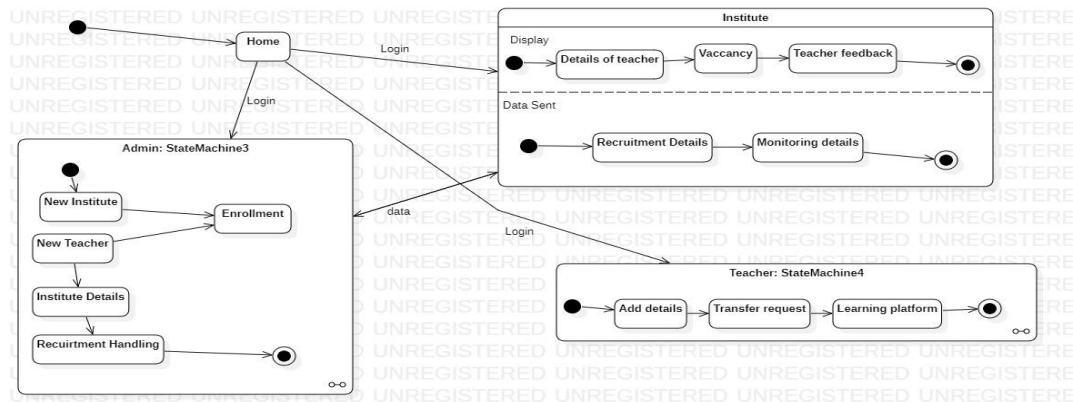
Every year through the government exams plenty of teachers are hired and posted in various government schools. The tracking of teachers from recruitment to their entire service duration is done manually which makes it difficult to manage and keep track. Addressing this problem will give the government the ease of managing teachers through one single portal which will help in maintaining clear stats of the teachers currently posted.

Objective and Motivation

To provide a single-stop platform for the government to manage all the teachers under their employment from recruitment to retirement along with providing a portal for the teachers to engage with certain schemes of the government, receive official government notifications regarding teaching, and manage their own profile such as service book.

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Architecture Diagram



Advantages

1. Better Management of Teacher Data
2. Provide Deeper Insights to Management
3. Save Cost

Disadvantages

There aren't any disadvantages or limitations of a teacher management system as such.

Conclusion

Teacher Management Portal is a web application, developed to maintain the details of Teachers from their recruitment to their entire service duration which was earlier done manually and which makes it difficult to manage and keep track. This project simplifies the task of maintaining records because of its user friendly nature.

Signature of Student

Signature of Guide