

**Ministry :** Ministry of rural development

**Team leader :** Abhishek Singh

**Problem statement title :** Mechanism to help rural people to self select for receiving benefit offered under Government scheme.

**Team name :** Visionn

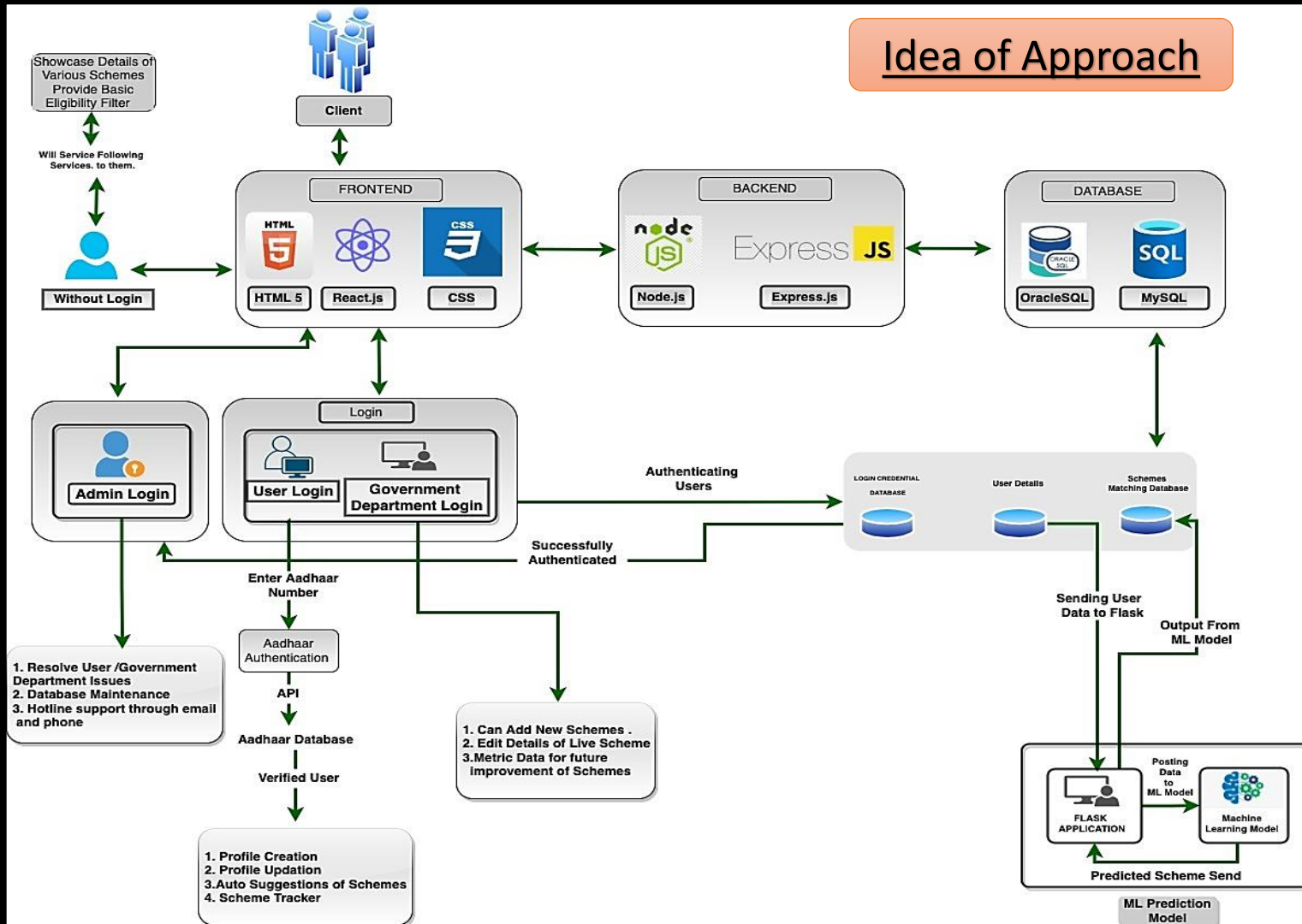
**Problem code :** SH1007

**Institute name :** Institute of Engineering and Technology Bundelkhand University Jhansi

**College Code [AISHE] :** U-0502

**Theme name :** Agriculture, foodtech & rural development

## Idea of Approach

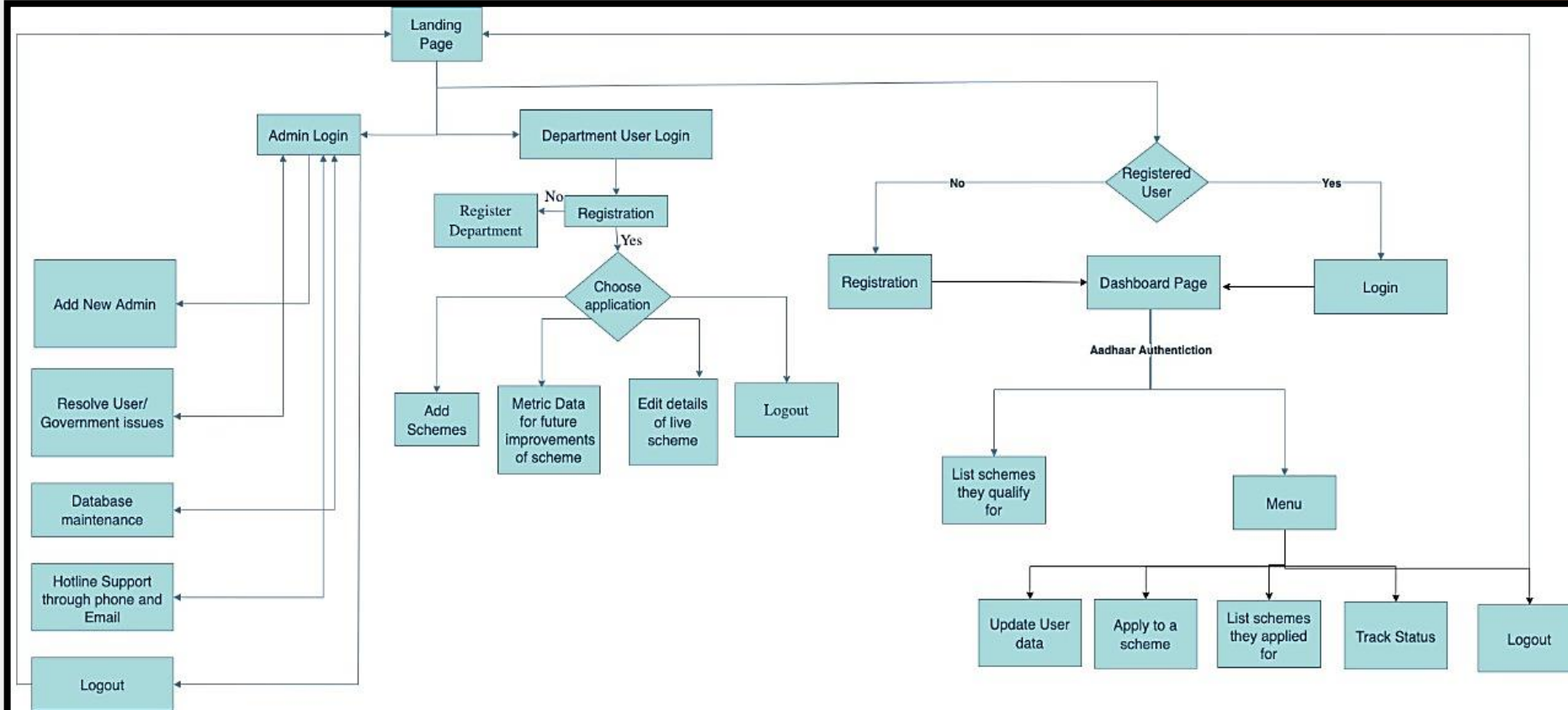
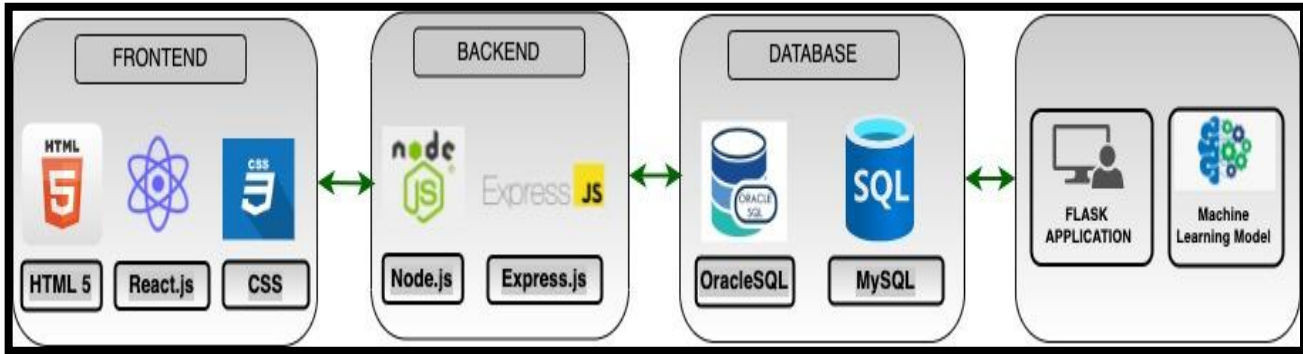


## Key Features

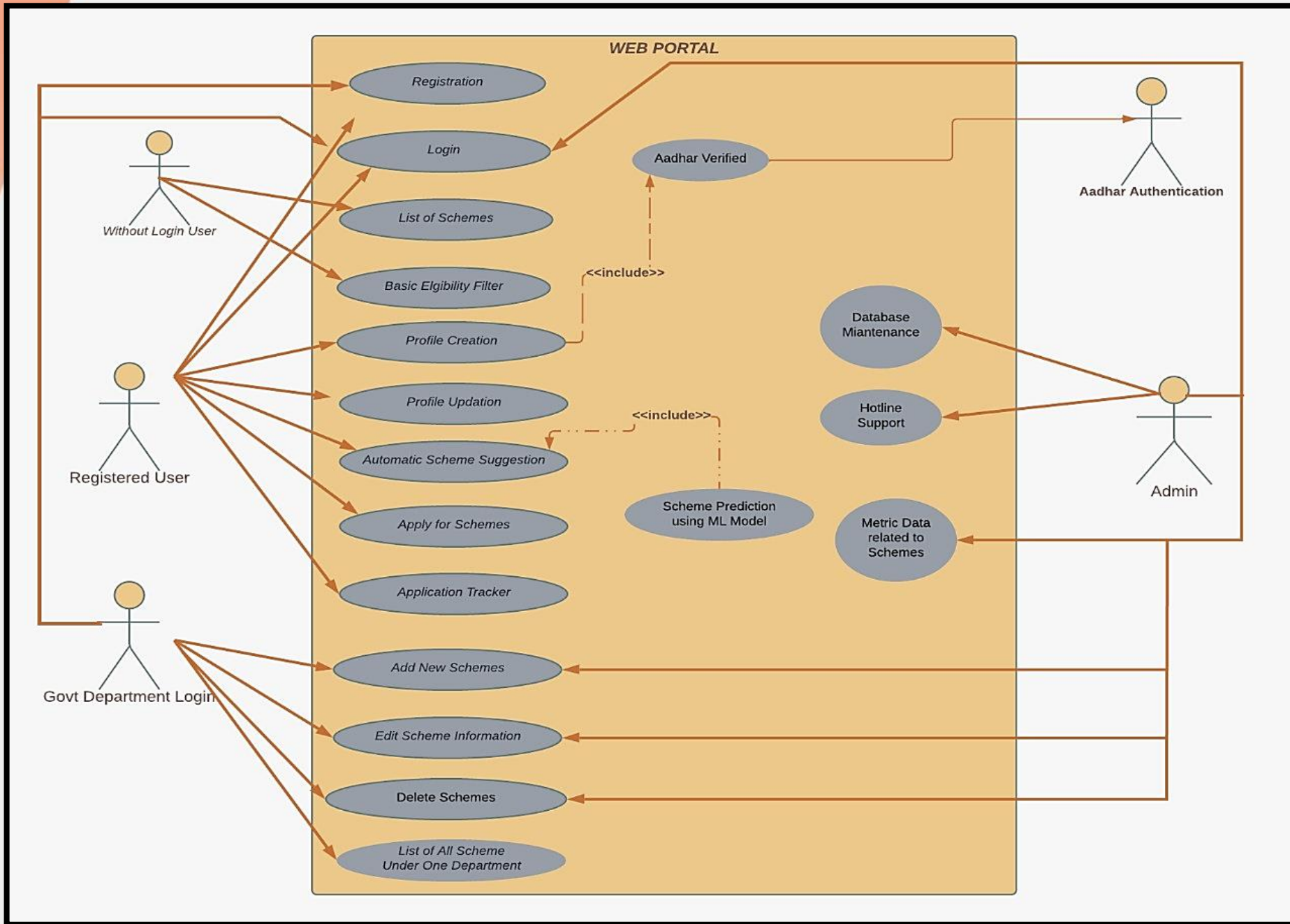
- **Single platform** for scheme suggestion and for tracking the status of the schemes in which users have applied.
- **Customized schemes suggestion** using user data and machine learning models.
- **ML model predicting schemes** using two models- (One, based on **common parameters** like age, gender, income, bank account) and (Second, using the **demographic location** of the user)
- **Aadhaar Authentication** for fetching basic user details from the aadhaar database and for resolving the issue of- [ so that the same user can't apply in one scheme using a second account].
- **Send updates** about upcoming schemes and the last date of various schemes for which the user is eligible

# Technology Stack

- We are using React.js as front-end framework.
- Node.js and Express.js are used as backend technologies for website.
- Using OracleSQL as database for storing user details , schemes details and prediction result.
- Flask working as a interface between website and machine learning model by posting user details to ML model.



## Work-Flow Diagram



Use- Case  
Diagram

# Team Member Details

**Team Leader Name:** Abhishek Singh

B.Tech	Computer Science And Engineering	III- Year
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**Team Member 1 Name:** Anshul Diwakar

B.Tech	Computer Science And Engineering	III-Year
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**Team Member 2 Name:** Aakanksha Mourya

B.Tech	Computer Science And Engineering	III- Year
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**Team Member 3 Name:** Ravindra Kumar

B.Tech	Computer Science And Engineering	III-Year
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**Team Member 4 Name:** Shyamji Tripathi

B.Tech	Computer Science And Engineering	III-Year
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**Team Member 5 Name:** Satyam Maurya

B.Tech	Computer Science And Engineering	III- Year
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**Team Mentor 1 Name:** Er. Keshav Kumar Tiwari

Academic	Computer Network, Operating System	5 Years
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**Team Mentor 2 Name:** Udit Kumar Singh

Industry	Full Stack Developer	9 Years
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