TITLE PAGE

- **Problem Statement ID –** 1608
- **Problem Statement Title -** Enhancing Monitoring and Management of Research, IPR, Innovation, and Start-ups in Gujarat State
- **Theme -** Smart Education
- **PS Category - Software**
- **Team ID -**
- **Team Name : RISE**

TEAM
RISE

IDEA /SOLUTION

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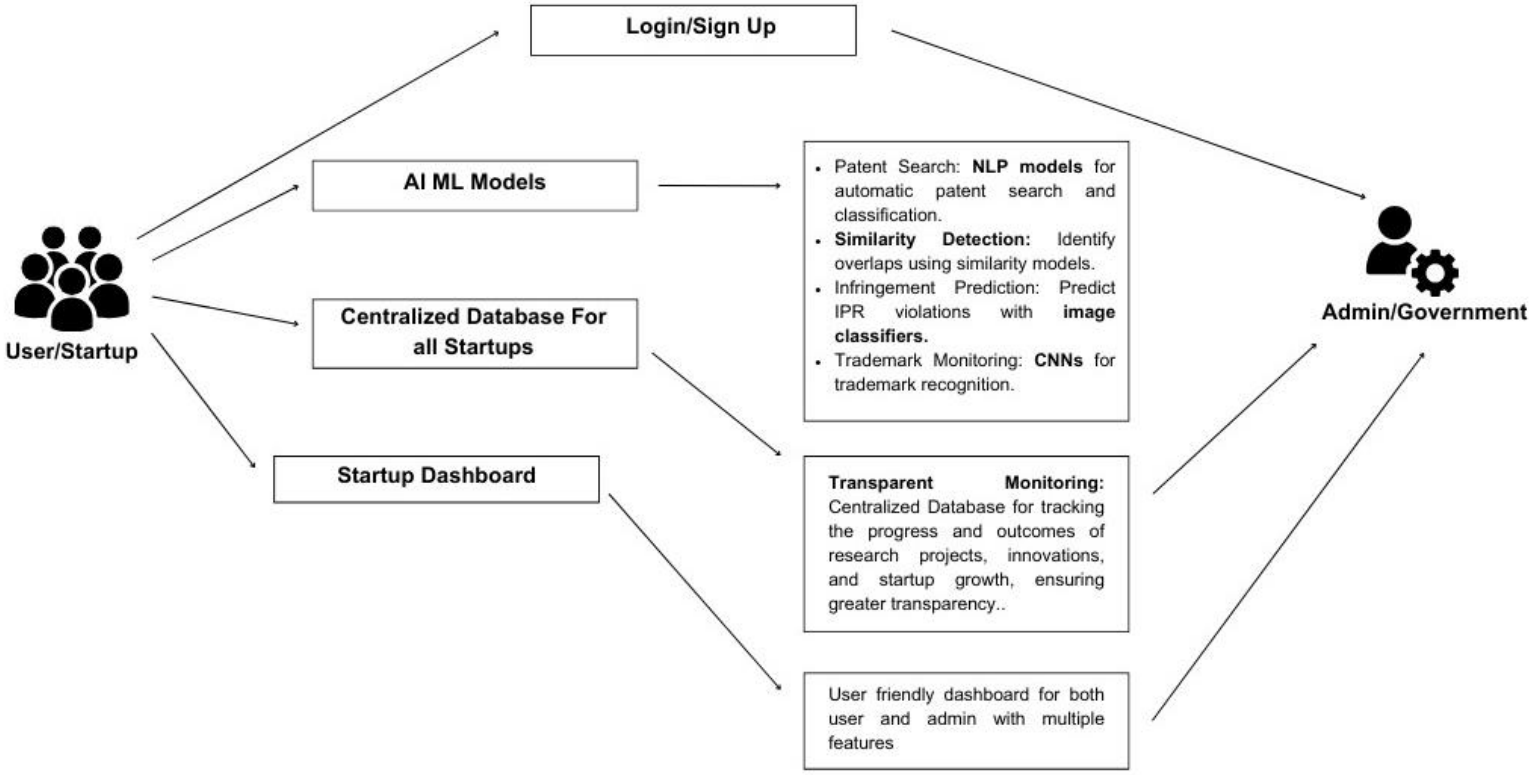
We are developing a comprehensive android and web-based easy-to-use hub that enhances the monitoring and management of research, intellectual property (IPR), innovation, and startups in Gujarat. The platform will simplify how users manage their projects, track progress, and access resources, making it easier for researchers, innovators, and entrepreneurs to thrive.

APPROACH

- **Centralized Data Repository**
- **AI-Powered Insights**
- **IPR Management**
- **Startup Tracking**
- **Optimized Resource Allocation**
- **Reward System**
- **Innovation Marketplace**



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TECHNICAL APPROACH

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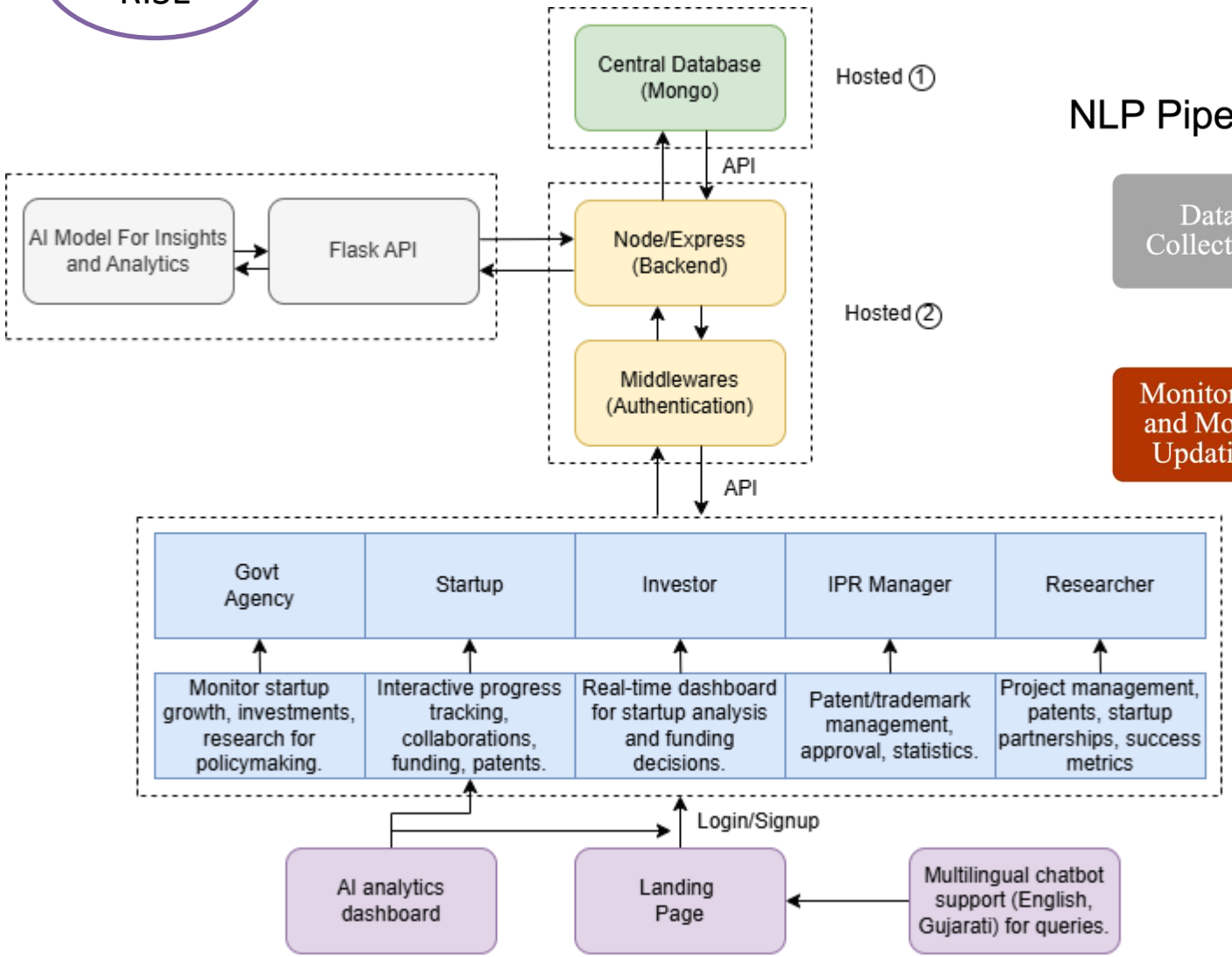
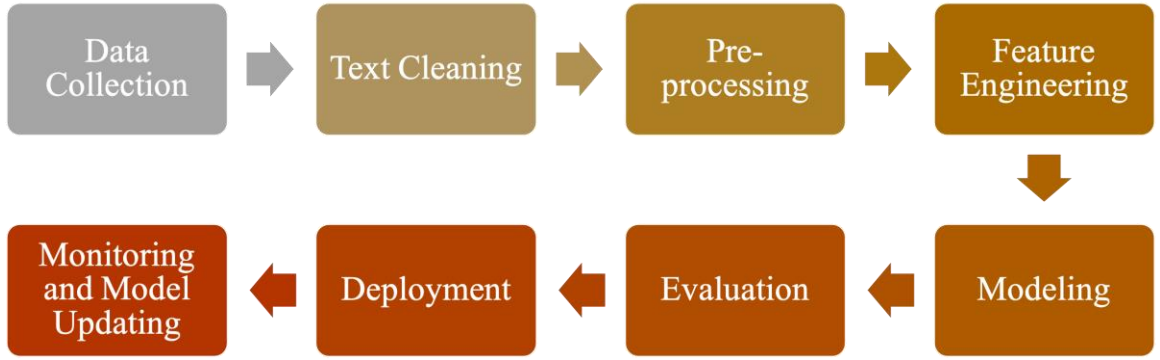


NLP Pipeline



Frontend (ReactJS)
Hosted (3)

TensorFlow

aws

scikit learn

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FEASIBILITY AND VIABILITY

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Feasibility:

The RISE platform is feasible, supported by Gujarat's robust innovation ecosystem and modern digital infrastructure, making it a solid solution for managing research, startups, and IPR.

Challenges:

1. **Data Integration**: Difficulties in consolidating data from various sources.
2. **User Adoption**: Slow onboarding of different stakeholders.

Strategies:

1. **Phased Rollout** for smoother data integration.
2. **Training** to improve user adoption.
3. **Strong Security** measures for data protection.
4. **Legal Collaboration** for compliance.

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IMPACT AND BENEFITS

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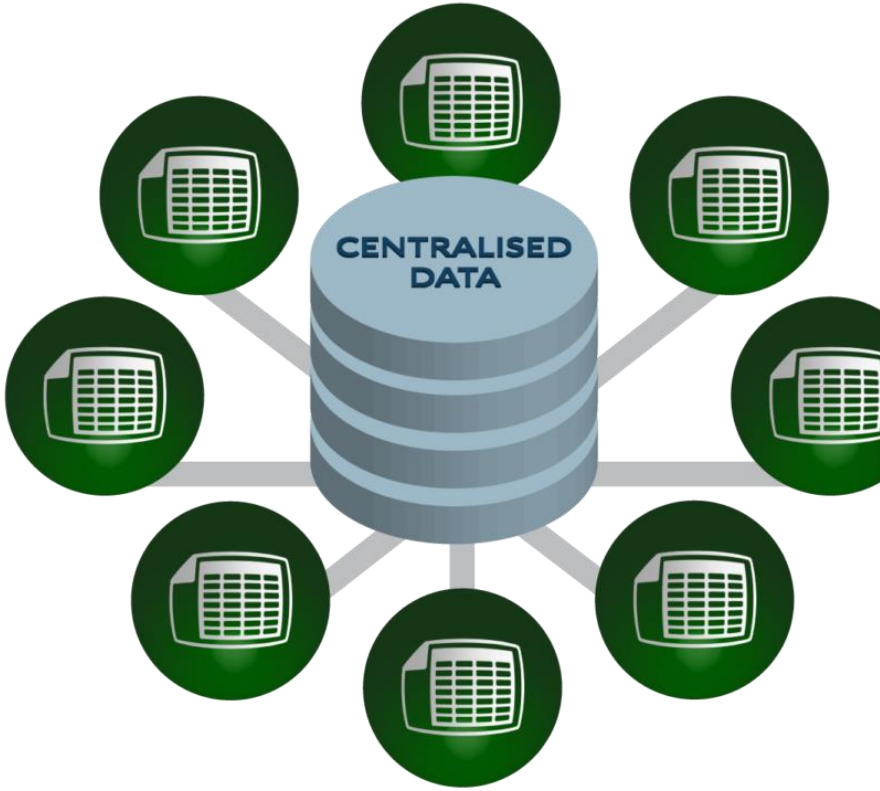
Potential Impact: Enhanced innovation ecosystem in Gujarat, leading to accelerated research and start-up growth.Improved transparency and efficiency in resource allocation and IPR management. Data-driven policy-making leading to targeted support for high-potential projects.

Benefits:

Social: Empowerment of innovators and researchers with better tools and resources.

Economic: Boosted success rates of start-ups, contributing to economic growth.

Environmental: Efficient resource allocation leading to sustainable development**.**



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RESEARCH AND REFERENCES

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- Platform-based innovation ecosystems: Entering new markets through holographic strategies
- A Handbook on Laws Relating to Intellectual Property Rights in India
- Chatbots Development Using Natural Language Processing: A Review | IEEE Conference Publication | IEEE Xplore
- An Analysis of Indian Startup Ecosystem: A Data Analysis Project | by Reginald Ffoulkes Crabbe | Medium