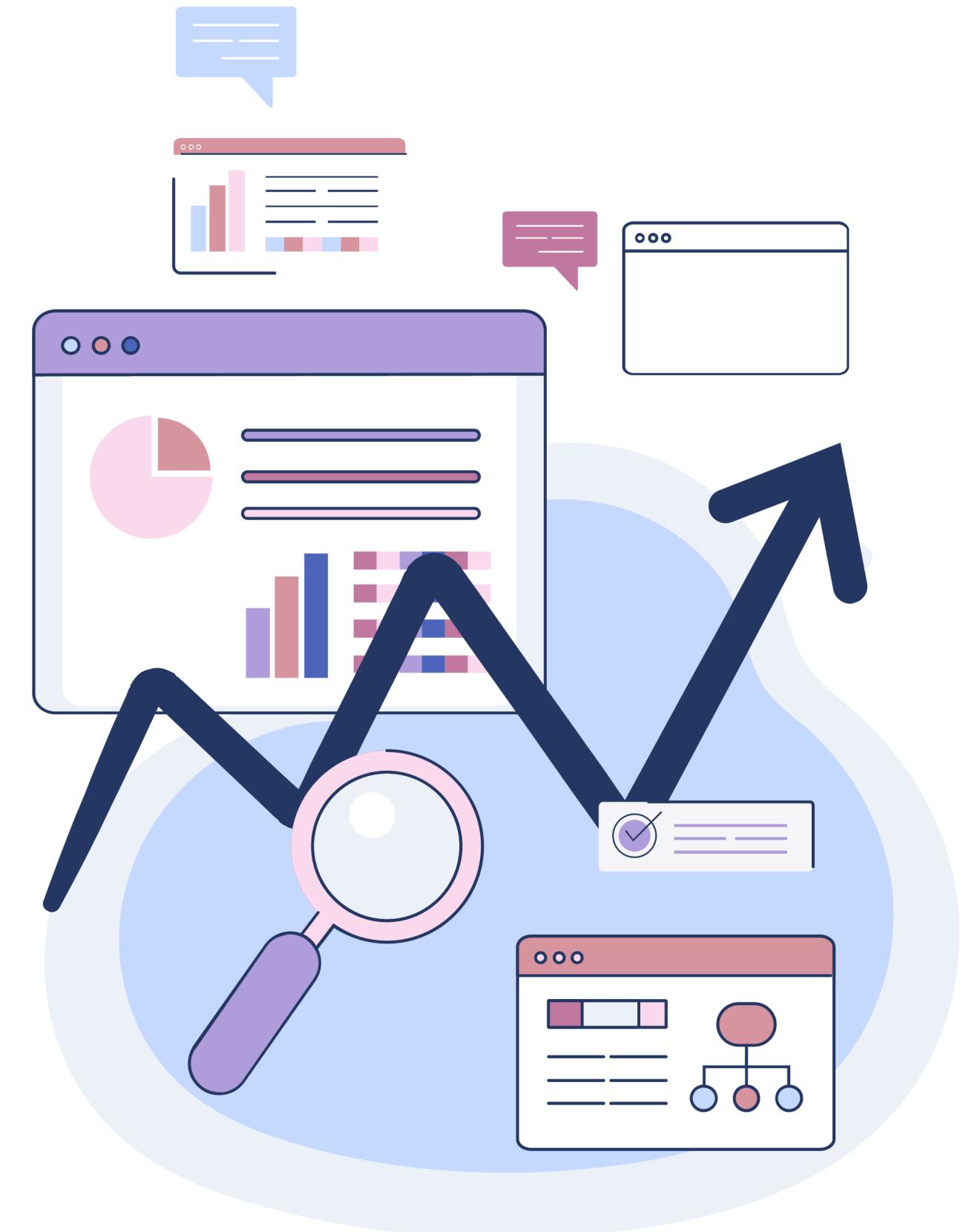


Centralized Retail Performance Dashboard - RetailVue



Team Details

- Prathyusha Parameshwar Ganiga - 287617
- Prerana Joshi - 287640

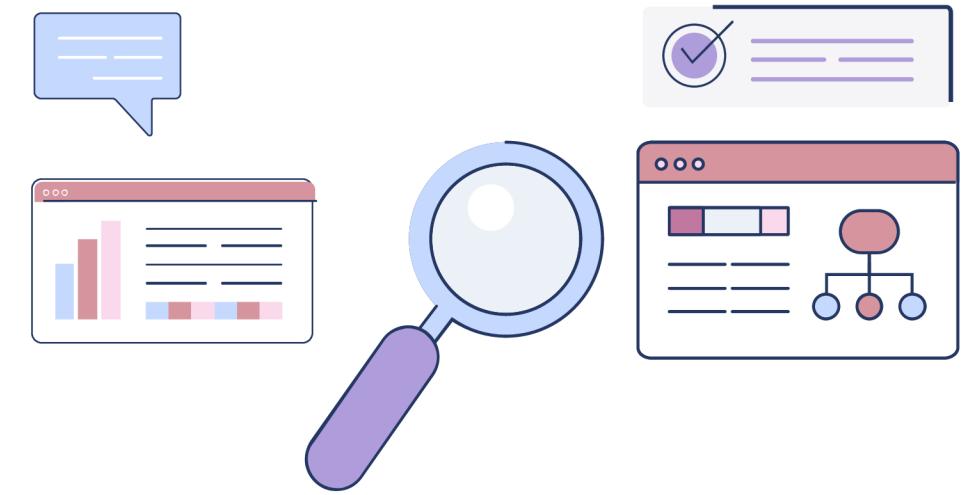


Trainer

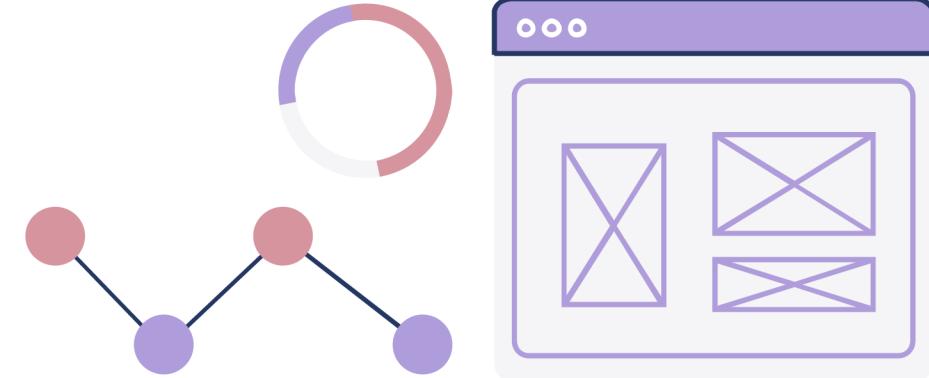
- Sharath Kumar

Agenda

- Problem Statement
- Journey
- Tech Stack
- Features
- Flow Diagram
- Challenges
- Future Implementation
- Project Demo
- Final Slide



Problem Statement



A growing retail business that operates across multiple regions faces challenges in tracking its sales performance. They rely on multiple platforms for transactions, making it difficult to consolidate sales data, monitor customer behavior, and predict future trends. The company needs a solution that offers a real-time, centralized system to visualize key metrics, track performance across regions, and provide insights for informed decision-making.

Journey



Project timeline

At-a-glance



INITIATION

Defining the project scope, objectives, and deliverables.

24
Oct



PLANNING

Detailed project plans created, including development of work breakdown structure.

26
Oct



EXECUTION

Project tasks are performed, and the project plan is put into action.

27
Oct



CONTROL

Progress is monitored, and any deviations from the plan are identified and addressed.

3
Nov



CLOSURE

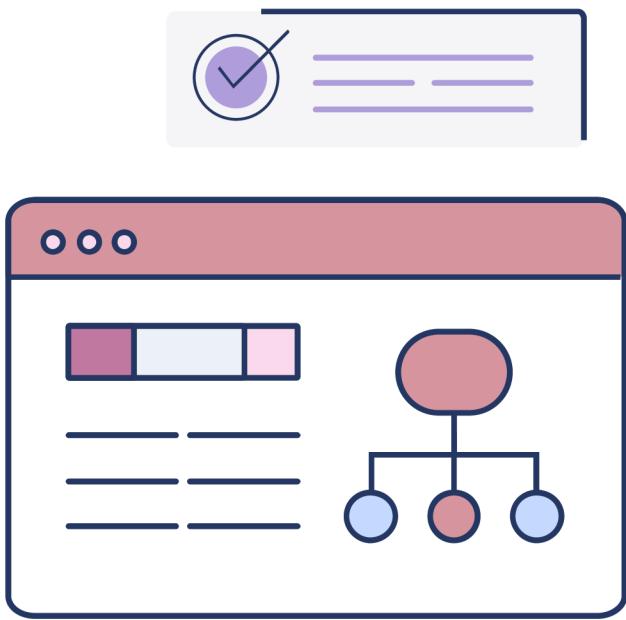
Documenting deliverables, conducting reviews, transitioning outcomes.

5
Nov



Tech Stack

- Frontend: Express, React with TypeScript, TailWind.css, Figma
- Backend: Node with TypeScript
- Database: MongoDB Atlas
- Authentication: JWT

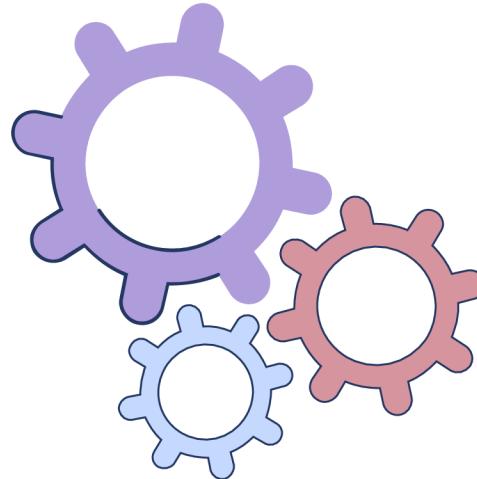


Features



Business Retailer

- Can add a Branch
- View Branch Details
- View overall analytics



Branch Retailer

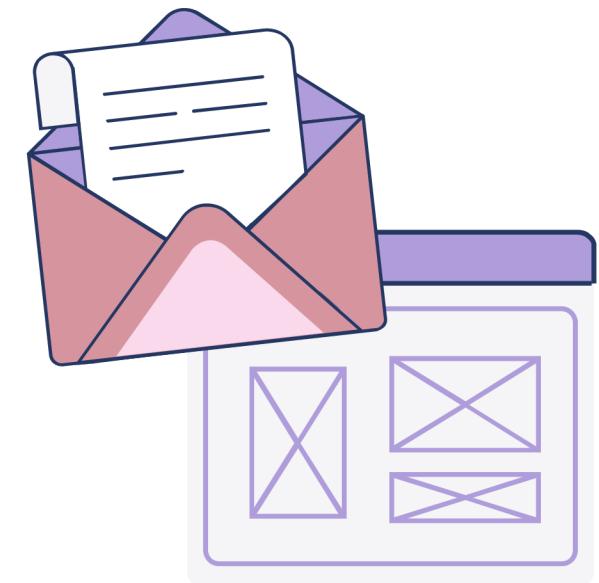
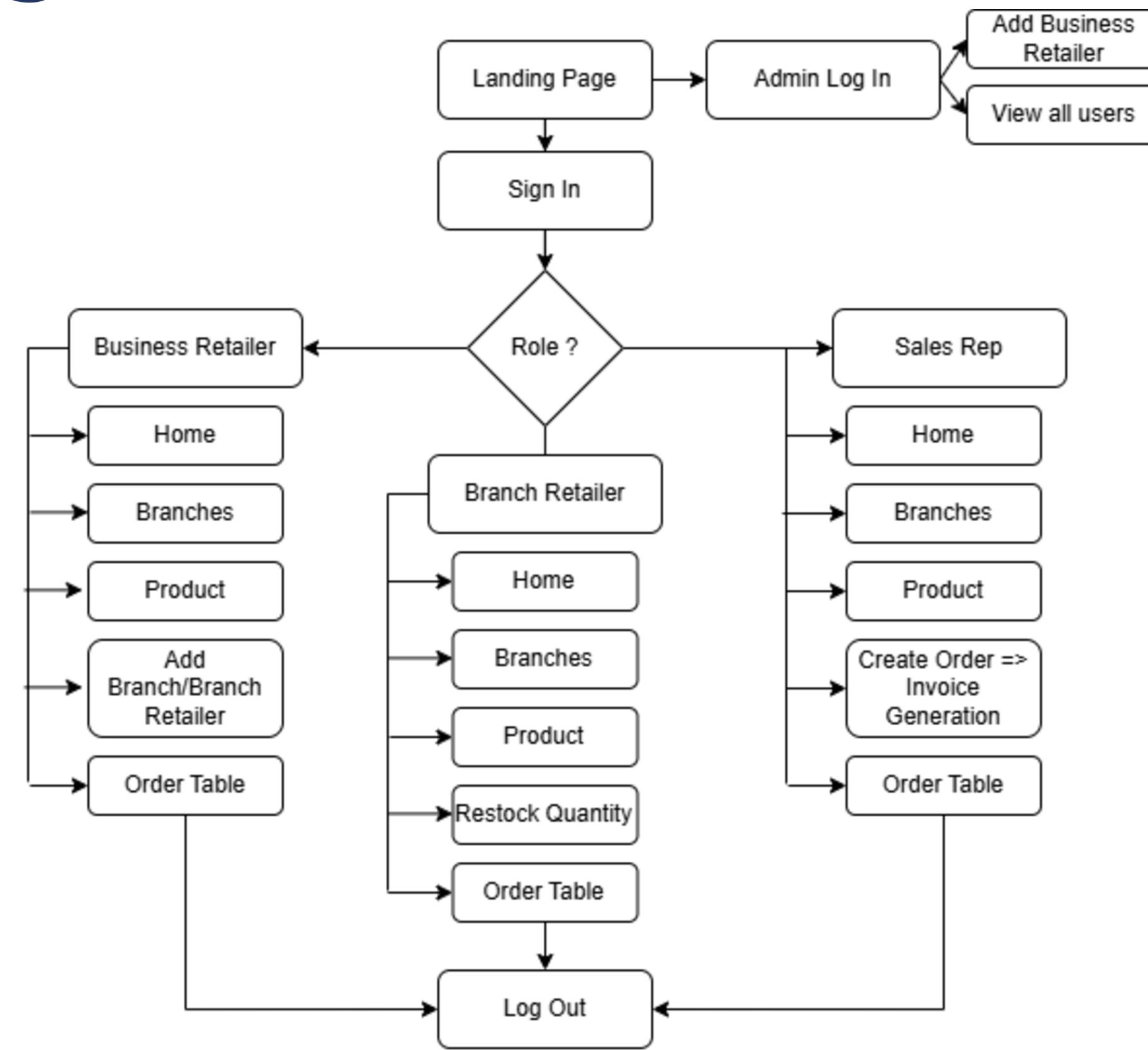
- Restock products
- View Analytics according to Branch



Sales Rep

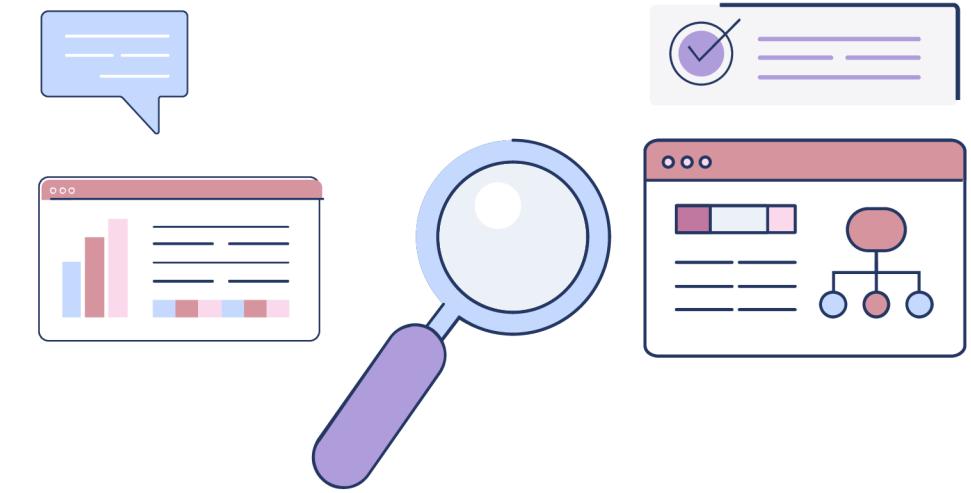
- Create Order
- Invoice Generation

Flow Diagram



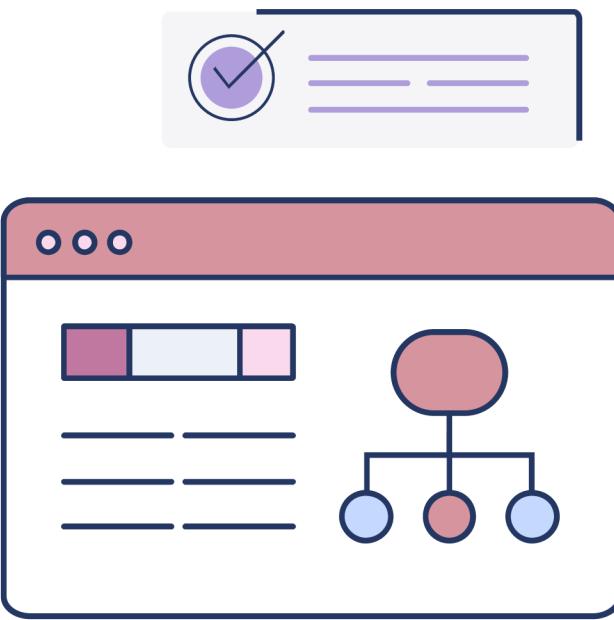
Challenges

- Data separation based on branches.
- Designing analytics according to each branch

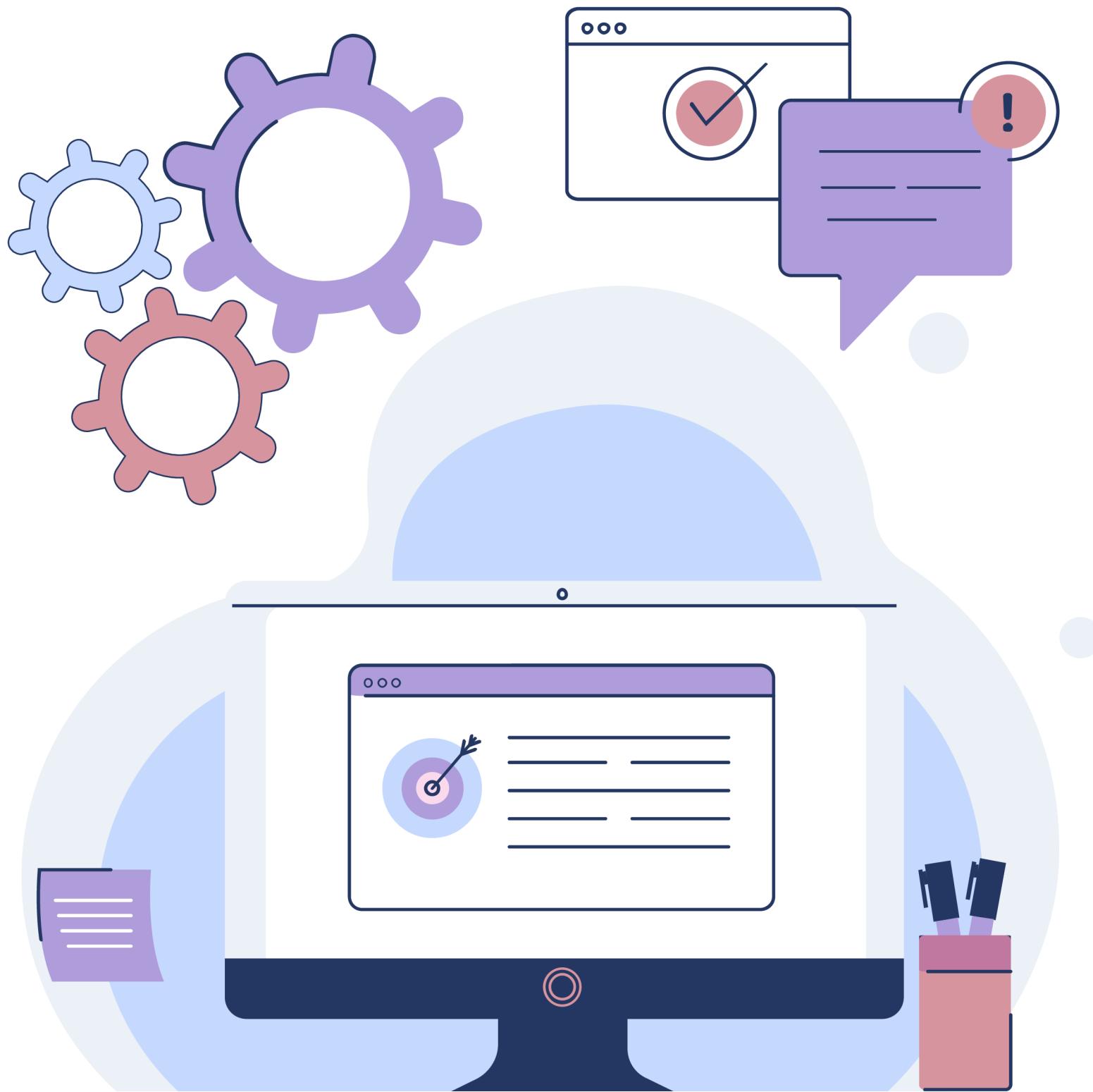


Future Implementation

- Adding more analytics
- Integration of live data.

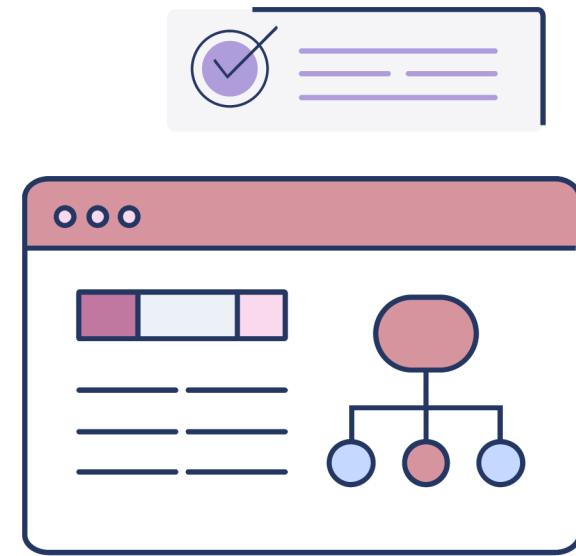


PROJECT DEMO



Conclusion

In conclusion, implementing a centralized, sales tracking and analytics platform addresses the key challenges faced by the retail business in consolidating sales data across multiple regions and platforms. This comprehensive approach not only streamlines data integration but also facilitates scalability, helping the company prepare for future growth.



THANK YOU

