



BS FINAL YEAR PROJECTS EXHIBITION

48.RIDEFLOW

1. Abstract:

Ride Flow is a smart financial and operations management platform for ride and food delivery operations. It centralizes payments for drivers and couriers, earnings analysis, tax management, vehicle expenses, and automated reporting in one streamlined system.

2. Problem Statement:

Manual handling of weekly Excel reports leads to calculation errors, time-consuming payment processing, and a lack of centralized monitoring.

3. Objectives:

Automate driver payment system.

Reduce manual workload and error.

Maintenance driver & vehicle records.

Generate financial reports.

4. Main Features:

Excel Report Upload & processing.

Automatic tax and commission deduction

Driver & Vehicle management .

Admin dashboard with analytics.

5. Tools & Technology:

Frontend:
HTML,CSS,Javascript

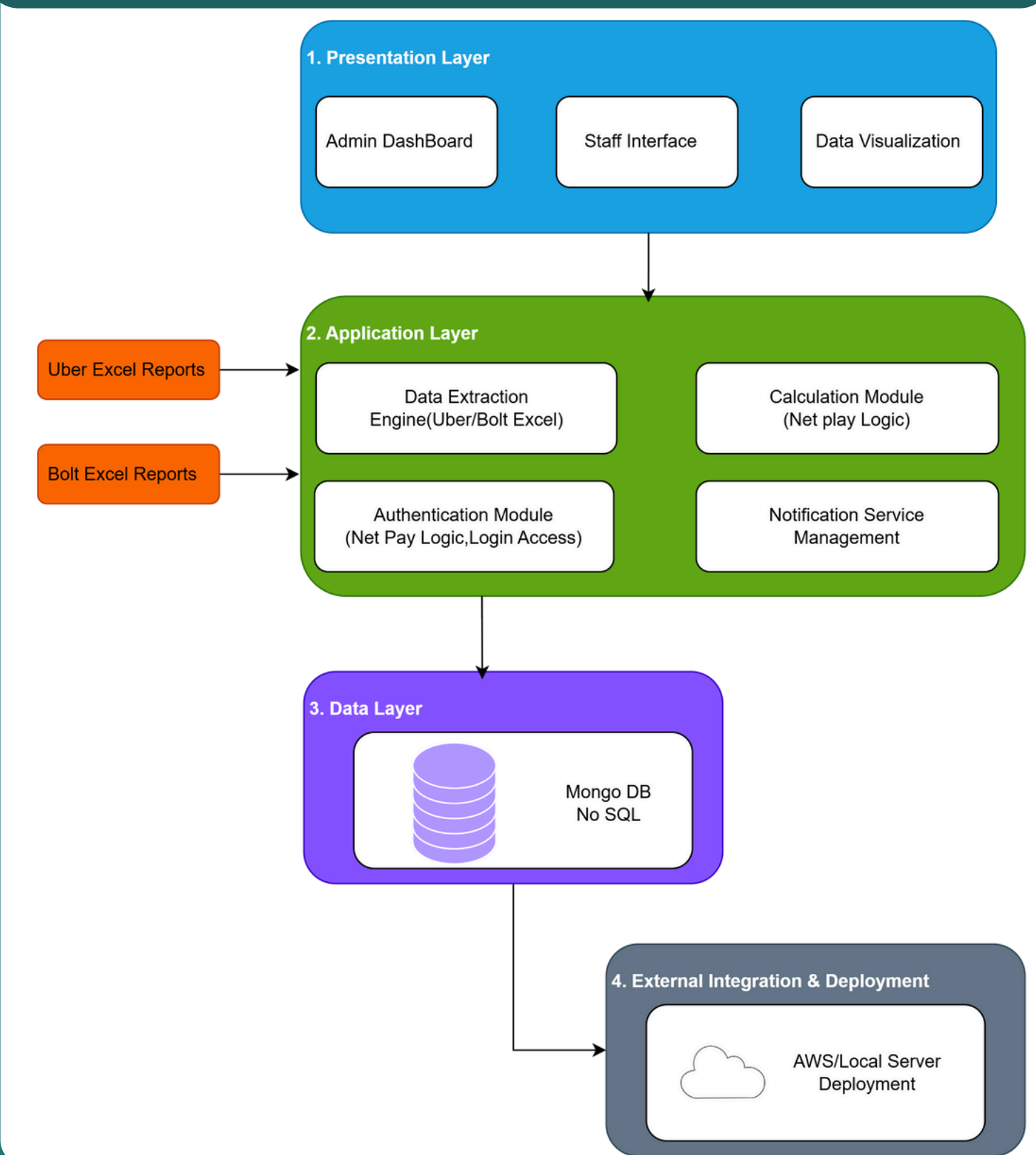
Backend: Node.js

Database: MongoDB

Notification: SMTP for email

Analytics: AWS

6. Block Diagram:



7. Methodology:

Rational Unified Process(RUP)

Inception: Define system & requirements .

Elaboration: System design & Risk Analysis.

Construction: Module development & Testing.

Transition: System deployment and user feedback.

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