



Department of Computer Science

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.

5. Tools & Technology:

Frontend: HTML,CSS,Javascript

Backend: Node.js

Database: MongoDB

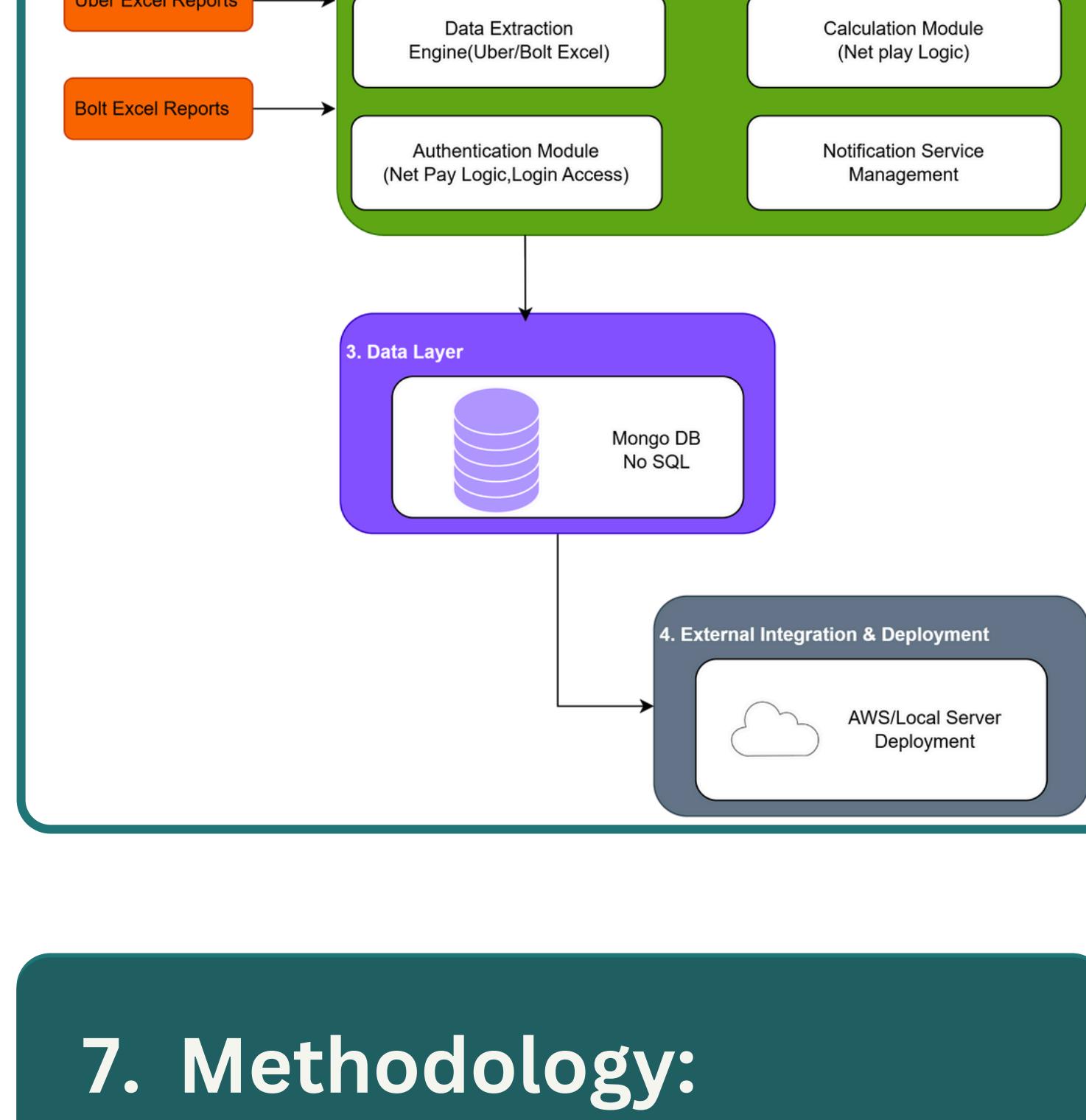
Notification: SMTP for email

Analytics: AWS

2. Problem Statement:

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

6. Block Diagram:



3. Objectives:

Automate driver payment system.

Reduce manual workload and error.

Maintenance driver & vechile records.

Generate financial reports.

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.

4. Main Features:

Excel Report Upload & processing.

Automatic tax and commission deduction

Driver & Vehicle management .

Admin dashboard with analytics.

Project Supervisor:

Ms. Saba Kiran

Group members:

Mobeen Muavia(GL)

B.S CS Aut-2022-M-C-0155

Zeeshan Hussain

Reg#Cs/Bs/2022/Aut/M

Project Coordinator:

**Mr. Khawaja Tahir
Lecturer (CS DEPT)**

Project Developed for: **Eymanor SRL**

Projects Exhibition Head
**Mr. Khawaja Tahir
Lecturer (CS DEPT)
FUUAST- ISB
Contact: 03365940206**