

## WEEK-2 SEPARATE WORK DONE :

SANTHOSH K-7376212IT221

### Tasks Accomplished:

- ☐ Finalized the database schema and implemented the first version of the database with MongoDB.
- ☐ Built the API for managing consumable items (create, retrieve, update, delete).
- ☐ Tested the basic API functionalities and integrated the first version with the frontend.
- ☐ Deployed the initial version of the backend on the staging server.

[JAYASURIYA J-7376212IT160]

### Tasks Accomplished:

- ☐ Completed the UI/UX design for consumable management pages (list view, add consumable form, edit consumable form).
- ☐ Converted wireframes into responsive HTML/CSS templates.
- ☐ Added basic interactivity using JavaScript for the frontend forms.
- ☐ Integrated frontend with mock API data.

[PRAVEEN R-7376212IT201]

### Tasks Accomplished:

- ☐ Developed the RESTful API for managing user authentication (signup, login, and session management).
- ☐ Set up JWT-based authentication and secure user data handling.
- ☐ Began working on the inventory management API (linking consumables with stock and usage data).
- ☐ Debugged initial API integration issues and ensured endpoints are working as expected

[RAKESH M-7376212IT208]

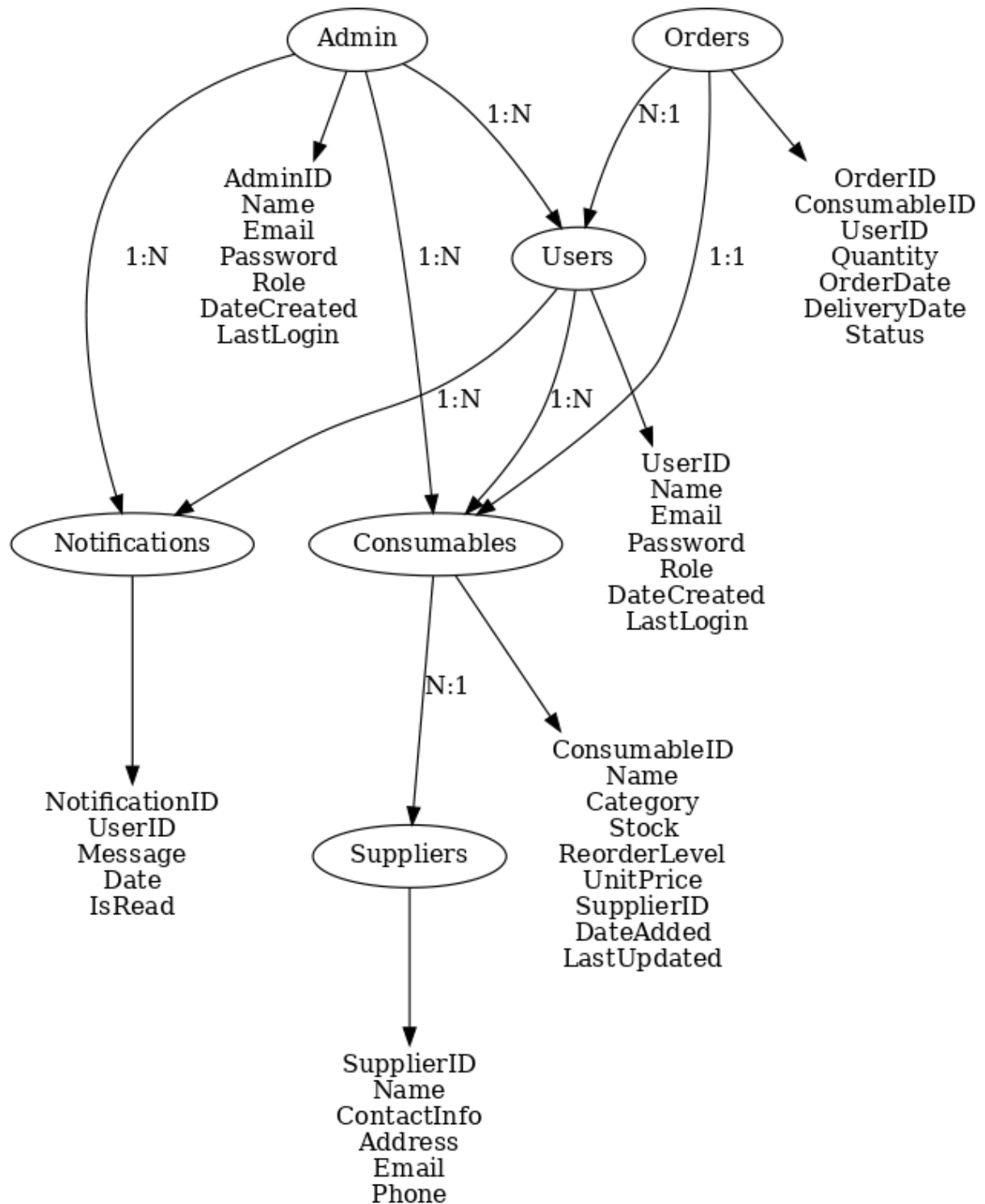
### Tasks Accomplished:

- ☐ Conducted initial testing for the frontend and backend integration.

- Wrote and executed test cases for API endpoints (CRUD operations, authentication).
- Set up the testing framework (Mocha, Chai) and created initial unit tests for critical functions.
- Identified and fixed bugs related to data validation and API responses.

# Consumable Details Management Portal

## ER Diagram



## Flowchart:

