

## Project Kickoff Mail – UserInfo Portal (Client: NeoBank)

Date: March 25, 2025

To: DevOps Team

CC: Backend, Frontend, QA, Product Team

Dear Team,

We have received a new project request from our client NeoBank, a fintech company based in India. The project is titled "UserInfo Portal" and it is aimed at improving their user dashboard experience.

### Project Overview:

NeoBank wants a secure login system where users can log in and view their personal account information in the dashboard. This includes name, contact info, account type, last login time, and more.

### Client's Purpose / Use Case:

- Give users a personalized dashboard
- Reduce dependency on customer support
- Build the foundation for future account upgrades & integrations

### Modules to be Developed:

1. Frontend
  - Login Page
  - Dashboard Page showing user details
2. Backend API
  - Login Authentication
  - Fetching user details from database
3. Database
  - JSON (for demo) -> MySQL in production
  - Store all user details
4. DevOps Setup
  - Setup AWS EC2 instances
  - Write Shell Scripts to start/stop backend services
  - Containerize the backend using Docker
  - Automate provisioning using Ansible
  - Configure CI/CD with GitHub Actions
  - Manage services using Kubernetes (for scaling)

### DevOps Team Responsibilities:

- Set up development, testing, and production environments
- Write shell scripts to automate service management
- Containerize the backend and frontend
- Write Ansible playbooks to install tools
- Setup CI/CD pipeline using GitHub
- Deploy and manage containers using Kubernetes
- Ensure logs and system monitoring (bonus task)

### Timeline:

- Start Date: March 26, 2025
- Development Duration: 10–12 Days