

Fundraising Intern Portal - Project Report

1. Project Overview

This Fundraising Intern Portal is a full stack web application built using Next.js and MongoDB. It simulates a portal where interns can log in, view their dashboard, track fundraising progress, and contribute to various departments. No real authentication is used; dummy login and signup pages are implemented.

2. Features Implemented

Frontend:

- Landing page with login and signup buttons (no auth needed)
- Intern Dashboard displaying:
 - Intern name
 - Dummy referral code (e.g., irfan2025)
 - Total donations raised (dummy number)
 - Static rewards section
- Department list from MongoDB
- Individual department detail pages:
 - Title, long description, QR code
 - Donate flow with a success confirmation image

Backend:

- REST API to fetch all departments (/api/department)
- REST API to fetch single department by ID (/api/department/[id])

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- MongoDB used to store departments with image path, title, description, and longDescription

3. Technology Stack

Frontend: Next.js, React, Tailwind CSS

Backend: Node.js API Routes (via Next.js)

Database: MongoDB Atlas

Image Hosting: Stored in /public/images directory

4. Folder Structure

/pages/

??? index.js

??? login.js

??? signup.js

??? user/

??? dashboard.js

??? department/

??? [id].js

/pages/api/

??? department/

??? index.js

??? [id].js

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/public/images/

??? landingpage3.jpg

??? qr.png

??? success.png

??? [department images].jpg

/lib/

??? mongodb.js

/styles/

??? globals.css

5. How to Run the Project

1. Clone the project into your local system.
2. Run 'npm install' to install all dependencies.
3. Add MongoDB URI in `.env.local` file:

```
MONGODB_URI=mongodb+srv://<user>:<password>@cluster.mongodb.net/donation
```

4. Run the development server using:

```
npm run dev
```

5. Visit <http://localhost:3000> to view the app.

6. Screens and Navigation

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- Landing Page: /
- Login Page: /login
- Signup Page: /signup
- Intern Dashboard: /user/dashboard
- Department Detail Page: /user/department/:id

7. Notes

- Authentication is not implemented as per Round 1 requirements.
- Dummy data is fetched via MongoDB for departments.
- Images must be placed correctly inside /public/images.
- Ensure MongoDB has documents with fields: title, description, longDescription, image.