

Technical Instructor Trainee

SKILL ASSESSMENT TASK

Task Title: Assignment Submission Portal

Task Overview:

Build a Next.js app with two user roles: instructors and students. Instructors can create assignments, review student submissions, give feedback, and update submission status. Students can view assignments, submit their work, and track their submission status. The app should include user authentication and a pie chart showing submission statuses (Pending, Accepted, Rejected).

User Roles & Capabilities:

1. Instructor

- Create assignments (title, description, deadline)
- View all student submissions
- Provide feedback and update assignment status as **Accepted, Rejected, Pending**
- View a pie chart showing submissions by status

2. Student

- View available assignments
- Submit an assignment (submission URL and note)
- View submitted assignments with current status and feedback

Core Features:

- Authentication with NextAuth allowing simple email & password login where anyone can register as instructor or student
- Role-based access and route protection
- Assignment creation form (for instructors)
- Assignment list (for all users)
- Submission form (for students)
- Review panel with status update and feedback (for instructors)
- Dynamic pie chart showing counts of: Pending, Accepted, Rejected

Tech Stack:

- Next.js (App Router)
- TailwindCSS for styling or any other component library
- NextAuth for authentication
- Recharts or Chart.js




What to Submit

- **Live Link** – Deployed site with working features
- **GitHub Repo** – Public repo with clear code and [README.md](#)

RULES



Submission Details

-  **Deadline:** 2 August 2025 (10:00 PM BST)
-  **File name format:** `YourName_Technical_Insructor_Trainee_Task.pdf`
-  **Submit here:** <https://forms.gle/nBcUG6ZrxMjaaFKG9>

Submission Rules:

- **Multiple Submissions:** Please note that only your first submission will be considered for assessment. If you submit multiple times, the initial submission will be taken into account, and subsequent submissions will be disregarded.
- **Task-Related Assistance:** Asking for task-related help from any team members of Programming Hero is strictly prohibited. Such behavior will result in immediate rejection of your assessment.

Please ensure that you adhere to the submission deadline and rules mentioned above. Should you have any questions or require further clarification, please do not hesitate to reach out to us. We eagerly anticipate reviewing your submissions and assessing your skills for Programming Hero.