



Tasks to complete quarter 2:

These are the assignments or projects that all students are required to complete:

Step:1

- Basic task HACKATHON Milestone-Based Interactive Resume Builder is a must to complete. Without this HACKATHON Quarter 2 will not be considered done.
- First, update the resume builder Hackathon. Do this before anything else.
- Improve the user interface of your resumes to make them look better.
HACKATHON LINK: https://github.com/panaverse/learn-nextjs/tree/main/HACKATHONS/-01.hackathon_minus_one
SUBMISSION FORM LINK: <https://forms.gle/qaidLhecmWvX3PpJ6>

Step:2

- Now, here are some HTML and CSS assignments in 2 steps..
LINK: <https://github.com/Ameen-Alam/PIAIC-HTML-CSS-Assignments/>
- This HTML and CSS assignment is essential for those who don't know HTML and CSS or whose foundation in HTML and CSS is not strong.
- If you already know HTML and CSS, you can skip this. Instead, submit a link to an HTML and CSS project you've created from scratch.
- In the link provided above in this Assignment 1 to 8 its just HTML. Assignment 8 is HTML's final Assignment.
- From Assignment 9 to 11 it has HTML & CSS both.

- In Assignment 12. We need to make a clone of the JPG/PDF File Provided. Only exception is we can use our own images which are used here on this website if we want. No library shall be used in this. ONLY HTML & CSS ALLOWED. We can make this for our self-assessment.
- It's mandatory to complete 12 assignments if you haven't created any website from scratch using HTML and CSS. You can submit the link of 12 assignments.

Step:3

- Next.js & React Milestone
LINK: <https://docs.google.com/document/d/12Z7GxXtic5GD-vV3IjxornLuwYoCTVFieYaQ2IdBdfI/edit?tab=t.o#heading=h.54qaqi58zev>
- This document has 5 Milestones.
- - Milestone 5: Capstone Project. Only upon completing the Milestone 5 the final project of quarter 2 we will be eligible for quarter 3.
- For Milestone 1 we just need to submit completed or not completed in the Submission form link. No GitHub repository required.

MILESTONE 2 :

- This milestone includes 2 assignments and 2 projects.
- ASSIGNMENT DETAILS :
 1. Create Multi-page website using React Components & Custom CSS.
 2. Create a multi-page website using the same React components, but instead of custom styling, use Tailwind CSS for styling.
- PROJECTS DETAILS:
 1. Develop a personal portfolio website using CSS for styling. Ensure to include sections like About Me, Projects, Skills, and Contact. Submit the GitHub repository link and deployment link for this version.
 2. Recreate the same personal portfolio website using Tailwind CSS for styling. Maintain the same sections as in the CSS version. Submit the GitHub repository link and deployment link for this version.
- BLOG/ARTICLE ON NEXT.JS:

- **Complete Milestone 2 and break here. After that, work on the task assigned by Sir Ameen to create a blog/article on Next.js. Once that's finished, you can transition to Milestone 3.**

MILESTONE 3 :

- This milestone includes 1 assignments and 1 projects.
- **ASSIGNMENT :** Create a dynamic blog with multiple posts using Next.js routing and implement a comments section that utilizes React state for managing comments.
- **PROJECT:** Develop a basic e-commerce site featuring product details, a shopping cart, and product management using an API key to manage product data. Ensure to provide the GitHub repository link and deployment link for submission.

MILESTONE 4 :

- **ASSIGNMENT:** Fetch and display data from a public API using both Server-Side Rendering (SSR) and Static Site Generation (SSG), and implement basic user authentication using a simple authentication API.
- **PROJECT:** (This is advance level and it will take time to reach upto this level) Build a fully-functional blog platform. For this GitHub repository & Deployment Link is required.

SUBMISSION FORM OF ALL TASK :

<https://forms.gle/vqEsQPaw8btsvnTC7>

Note: Those who are willing to complete 4 milestones of nextjs within a month will be nominated to move in the quarter 3.

This is a detailed list of assignments and projects that have been provided by Sir Ameen, which are mandatory for all students to complete. This PDF is not an official document; It has been created to help students who may be facing difficulties, ensuring that any problems they encounter are clarified.

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SLOUT: Saturday (2 to 5)

