

Zemenay Tech Solutions Hackathon – Concept Note

Date: July 2025

Organizer: Zemenay Tech Solutions

Format: Fully Online

Duration: 1 Week (Planning & Execution)

Overview

Zemenay Tech Solutions is organizing an open hackathon aimed at solving a key bottleneck in our workflow building and integrating a blog system into our websites. It's open to both interns and the public, fostering collaboration, learning, and innovation.

Challenge 1 - Plug and Play Solution

Our current blog setup is time-consuming because:

- It requires a backend
- It needs an admin panel

We want a **plug-and-play blog or products or ai chatbot system** — installable via **npm** or similar, integrated easily, and production-ready in **minutes**.

Your goal: Build a modular blog solution that can plug into any Next.js frontend.

Technical Specs

- **Frontend:** Next.js
- **Backend:** Your choice
- **Database:** PostgreSQL via Supabase
- Provide a clear and complete **README.md**

- Integrate your app with our public website template

Challenge 2 - Zemenay Website Redesign

Overview

This challenge focuses on the redesign and front-end implementation of the Zemenay public-facing website. Participants are expected to deliver a responsive, production-ready web interface that aligns with modern design standards and includes all required content and features.

Deliverables

Participants must submit either of the following. You can submit the Front End Implementation only, but including a Design with additional concepts will give you an edge

- **Front-End Implementation** A complete, responsive website built using. This is a mandatory deliverable. Next js is recommended, but not the best.
- **UI Design (Highly recommended)** A visual design prototype or mockup of the website. While optional, inclusion of a UI design will be considered favorably during evaluation, particularly if it demonstrates additional conceptual features.

Both deliverables must be submitted by the end of the Hackathon.

Required Pages

The following pages must be included in the final implementation:

- **Home**
- **About Us**
- **Pricing**
- **Product**

Additional pages can be included and will be highly recommended.

Required Features

The following features must be implemented:

- **Contact Information** Displayed at the bottom of the Footer.

- **Client History** A section highlighting past clients or case studies.
- **Client Testimonials** A section featuring recommendations or feedback from previous clients.
- **Pricing and Products Table** A structured table referencing the layout and content of the existing website.

All features must be fully functional and integrated into the final implementation, but more features are allowed to be added. These are merely the bare minimum

Technical Requirements

- **Design** The website must be responsive and optimized for mobile devices.

Timeline

- **Kickoff:** Wednesday August 6
- **Submission Deadline:** Wednesday, August 13
- **Marketing:** We'll promote the hackathon this week to attract external participants
- **Support:** Our team is available throughout the week for assistance

Team Formation

Work solo or in teams.

Post in the group chat if you're seeking teammates, and let others reply to join you.

Prizes

- 🏆 **First Place:** 3,000 ETB
- 🥈 **Second Place:** 2,000 ETB
- 🥉 **Third Place:** 1,000 ETB

But there can be a scenario there could be one winner only with 6,000

Deliverables

- Public GitHub repo with working application
- Full `README.md` instructions for installation and usage
- Ownership transferred to Zemenay Tech Solutions
- Successful integration with the frontend template (Only for the first title)

Note: The following is the evaluation metric for the first Topic, mainly. Some points won't apply for the 2nd hackathon topic

Criteria	Description	Po int s
1. Functionality	Does the blog app work as expected? Are all core features implemented and bug-free?	25
2. Ease of Integration	How easily can the solution be plugged into an existing project (e.g., via <code>npm install</code> , API, or other methods)?	20
3. Code Quality & Structure	Is the codebase clean, modular, well-documented, and maintainable? Does the README clearly explain setup and usage?	20

4. Creativity & Problem Solving	Does the solution creatively solve the integration and time bottlenecks? Are there any standout features or optimizations?	15
5. UI/UX & Developer Experience	Is the admin interface (if provided) user-friendly? Does the developer experience feel smooth and intuitive?	10
6. Presentation & Submission	Is the project well-presented, with proper README, deployment/integration demo, and GitHub repo correctly transferred?	10