

JOB DESCRIPTION:

Requirements:

Step 1: User will be entering a prompt where he will be putting the details of the project in a very layman language. Now you have to access the prompt and access what the user wants to say.

Step 2: If the user has given the details of the competitors or image take also them into consideration too for the result.

Step 3: We have certain requirements that we have to show in the final output. That will be:

1. Name the project based over the details provided: Eg: A dating application
2. Project Summary : In two or three lines:

Project Title

PROJECT BUDGET
\$400

Web Development Marketing Web Development

Project Budget

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3. Giving them the tags based over the project field: Eg: If the application is a website and based over dating one. So the tags can be “React”, “Web Development”

We will make a master tag data from where we can use them based on the prompts.

4. We can have the list of competitors based over whether the product is global or just a normal domain specific. Eg: If there is tinder it will suggest examples of global dating apps. If the user wants it to be very specific to a country like India. It just shows the competitors list from Indian space only.
5. Then based on the prompt we will suggest the list of features. What that feature will do and how much time it will take to complete that feature. Again this time duration will be custom and it can be managed by us only.
6. Based over total hrs to complete the project we will assign the number of resources to the user.
It will be different for the Design, Frontend, Backend and devops.
7. If any thing from the prompt is missing we will ask that thing in the form of MCQs. The lesser the better. But should be asked enough to make the final generated output meaningful.
8. If any other specific thing is required we have to take that also into consideration.

9. And finally share the draft generated with the number of resources needed.

For more info; You can check on: <https://www.noagency.tech/>

Prompt:

I want to build an eco-friendly e-commerce website with a clean design focused on green and earthy tones. It should have user accounts, a shopping cart, secure payments, product reviews, and a blog. I need suggestions for technology stack and features based on competitors.

Competitors include EcoWare (<https://www.ecoware.com>) and Green and Life (<https://www.greenandlife.com>).

Answer draft:

Have to search and thoroughly scrap and analyse the data from the competitors and based over that judge what are the features they are having and what are we having.

Now we have to give the name:

Title: Eco-Friendly Website

Summary of the project:

A modern e-commerce platform focused on selling eco-friendly products, featuring user accounts, a shopping cart, secure payment options, product reviews, and a blog section on sustainable living.

Technology Stack Recommendation:

- **Frontend:** Next.js for fast and dynamic user interfaces.
- **Backend:** Node.js for scalable server-side applications.
- **Database:** MongoDB for flexible and high-performance data storage.
- **Additional:** Tailwind CSS for responsive and customizable design.

These tech recommendations should be done based on complexity, scalability and growth.

Technology Tags: Next.js, Node.js, MongoDB, Tailwind CSS, Web Development, E-commerce, SEO

We will provide you a bucket of tags you have to select the most based tags for the project.

Competitors Analysis: (This will be done if the user has provided the competitors from the start)

Then we have to analyze the competitors' best features and major features.

Competitors Analysis:

1. EcoWare:

- Features: User accounts, shopping cart, secure payments, product reviews, blog, eco-friendly tips.
- Suggested Additions: Eco-friendly tips section to engage users with sustainability tips.

2. Green and Life:

- Features: User accounts, shopping cart, secure payments, product reviews, blog, community forum.
- Suggested Additions: Community forum for users to discuss eco-friendly topics.

Major Features:

1. User Accounts:

- **Description:** Allows users to create and manage their profiles.
- **Third-Party APIs:**
 - Auth0: For user authentication and authorization.
 - Gravatar: For profile pictures.

2. Shopping Cart:

- **Description:** Enables users to add products to their cart and proceed to checkout.
- **Third-Party APIs:**
 - Stripe: For secure payment processing.
 - PayPal: For additional payment options.
 - TaxJar: For calculating sales tax.

3. Secure Payment Options:

- **Description:** Supports various secure payment methods.
- **Third-Party APIs:**
 - Stripe: For handling payments securely.
 - PayPal: For handling payments securely.

4. Product Reviews:

- **Description:** Users can leave reviews and ratings for products.
- **Third-Party APIs:**

- Trustpilot: For collecting and displaying product reviews.
 - Yelp: For additional review options.
- 5. **Blog Section:**
 - **Description:** A platform to post articles about sustainable living.
 - **Third-Party APIs:**
 - WordPress API: For managing blog content.
 - Disqus: For managing comments on blog posts.
- 6. **Mobile-Friendly:**
 - **Description:** Ensures the website is responsive on mobile devices.
 - **Third-Party APIs:**
 - Google AMP: For accelerated mobile pages.
 - PWA (Progressive Web App): For enhancing mobile experience.
- 7. **SEO Optimized:**
 - **Description:** Improves search engine visibility.
 - **Third-Party APIs:**
 - Google Analytics: For tracking website traffic and performance.
 - Moz: For SEO analysis and recommendations.
 - Yoast SEO: For on-page SEO optimization.
- 8. **Eco-Friendly Tips:**
 - **Description:** Provides users with tips on living sustainably.
 - **Third-Party APIs:**
 - Contentful: For managing eco-friendly tips content.
 - Google Custom Search API: For integrating relevant external content.
- 9. **Community Forum:**
 - **Description:** A space for users to engage in discussions about eco-friendly practices.
 - **Third-Party APIs:**
 - Discourse: For managing community discussions.
 - Slack API: For integrating community chat features.

Design (Figma): **These hours should be taken from our data and we can edit that over the time period. For now you can go with your data.**

1. **User Accounts: 10 hours**
2. **Shopping Cart: 15 hours**
3. **Secure Payment Options: 5 hours**
4. **Product Reviews: 7 hours**
5. **Blog Section: 7 hours**
6. **Mobile-Friendly: 10 hours**
7. **SEO Optimized: 5 hours**
8. **Eco-Friendly Tips: 5 hours**
9. **Community Forum: 10 hours**

Frontend Development:

1. User Accounts: 20 hours
2. Shopping Cart: 25 hours
3. Secure Payment Options: 10 hours
4. Product Reviews: 15 hours
5. Blog Section: 15 hours
6. Mobile-Friendly: 20 hours
7. SEO Optimized: 10 hours
8. Eco-Friendly Tips: 10 hours
9. Community Forum: 20 hours

Backend Development:

1. User Accounts: 20 hours
2. Shopping Cart: 25 hours
3. Secure Payment Options: 10 hours
4. Product Reviews: 15 hours
5. Blog Section: 15 hours
6. SEO Optimized: 5 hours
7. Eco-Friendly Tips: 10 hours
8. Community Forum: 20 hours

DevOps and Deployment:

1. User Accounts: 5 hours
2. Shopping Cart: 5 hours
3. Secure Payment Options: 2 hours
4. Product Reviews: 3 hours
5. Blog Section: 3 hours
6. Mobile-Friendly: 3 hours
7. SEO Optimized: 2 hours
8. Eco-Friendly Tips: 2 hours
9. Community Forum: 5 hours

Total Time Calculations:

Design (Figma):

- Total Hours: 74 hours

Frontend Development:

- Total Hours: 145 hours

Backend Development:

- **Total Hours: 140 hours**

DevOps and Deployment:

- **Total Hours: 27 hours**

Now based over these time limits we will be distributing the timeline and giving them number of resources and tentative budget.

Project Milestones:

1. Milestone 1: Initial Design and Planning

- **Tasks:**
 - **User Accounts Design: 10 hours**
 - **Shopping Cart Design: 15 hours**
 - **Secure Payment Options Design: 5 hours**
 - **Product Reviews Design: 7 hours**
 - **Blog Section Design: 7 hours**
 - **Mobile-Friendly Design: 10 hours**
 - **SEO Optimized Design: 5 hours**
 - **Eco-Friendly Tips Design: 5 hours**
 - **Community Forum Design: 10 hours**
- **Total Time: 74 hours**
- **Completion Time: 2 weeks**

2. Milestone 2: Frontend Development

- **Tasks:**
 - **User Accounts Development: 20 hours**
 - **Shopping Cart Development: 25 hours**
 - **Secure Payment Options Development: 10 hours**
 - **Product Reviews Development: 15 hours**
 - **Blog Section Development: 15 hours**
 - **Mobile-Friendly Development: 20 hours**
 - **SEO Optimized Development: 10 hours**
 - **Eco-Friendly Tips Development: 10 hours**
 - **Community Forum Development: 20 hours**
- **Total Time: 145 hours**
- **Completion Time: 4 weeks**

3. Milestone 3: Backend Development

- **Tasks:**
 - **User Accounts Backend: 20 hours**
 - **Shopping Cart Backend: 25 hours**
 - **Secure Payment Options Backend: 10 hours**
 - **Product Reviews Backend: 15 hours**

- Blog Section Backend: 15 hours
 - SEO Optimized Backend: 5 hours
 - Eco-Friendly Tips Backend: 10 hours
 - Community Forum Backend: 20 hours
- Total Time: 140 hours
- Completion Time: 4 weeks
- 4. Milestone 4: DevOps and Deployment
 - Tasks:
 - User Accounts Deployment: 5 hours
 - Shopping Cart Deployment: 5 hours
 - Secure Payment Options Deployment: 2 hours
 - Product Reviews Deployment: 3 hours
 - Blog Section Deployment: 3 hours
 - Mobile-Friendly Deployment: 3 hours
 - SEO Optimized Deployment: 2 hours
 - Eco-Friendly Tips Deployment: 2 hours
 - Community Forum Deployment: 5 hours
 - Total Time: 27 hours
 - Completion Time: 1 week

Expected Timeline: 11 weeks (approximately 3 months)

Resource Needed:

- Frontend Developers: 2
 - Estimated Total Hours: 145 hours
- Backend Developers: 2
 - Estimated Total Hours: 140 hours
- Designer: 1
 - Estimated Total Hours: 74 hours
- DevOps Specialist: 1
 - Estimated Total Hours: 27 hours
- SEO Specialist: 1
 - Estimated Total Hours: 10 hours
- Community Manager: 1 (for forum moderation)
 - Estimated Total Hours: 10 hours

Post a job (there will be a tooltip at each field)

Fields	Description	Data type
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Name of Project	Simple 2,3 words project name	Text
Technology Used	Default Next.js Tailwind Node.js Mongoose	
Major Features	There will be choices and a tooltip on every choice, the user just has to tick it	
Expected Timeline	Text field	
Resource Needed	Number of freelancers in all categories(design, development,etc)	
Budget in your mind	Text field	
Competitors	The website URL field along with the add and remove field will be there	
Journey of user	Tooltip, how do you imagine your project and how users interact with all the features	
Website design type	Classic 2-D graphics 3-D graphics	