

Your team is developing a multi-application web project consisting of five interconnected web applications (Web 1, Web 2, Web 3, Web 4, Web 5). Each application serves a different purpose, requires specific hosting needs, must comply with web standards, and should be optimized for search engines. Your job is to map each aspect of your project to real-world decisions about hosting, standards, security, and SEO.

Case Study Template (To Be Completed with Your Own Project Data)

1. Project Overview (Make This as Detailed as Possible)

Your Project Details

Project Name

Project Type

Brief Description

Main Technologies Used

Expected Launch Date

Competitive Edge

Primary User Base (B2B, B2C, Government, Startups, etc.)

Projected Traffic in the First Year (Low, Medium, High – justify your answer)

Expected Growth in 3 Years

Other important attributes of project based on your creativity and understanding

2. Web Applications Breakdown

Complete the table based on your project to categorize your project on basis of each of the five web applications.

Web App	Purpose & Functionality	Target Users	Primary Data Stored	Security Concerns
Web 1				
Web 2				
Web 3				
Web 4				
Web 5				

Other important attributes of project based on your creativity and understanding

explain why each application/module of their project fits into Web 1, 2, 3, 4, or 5.

3. Web Hosting Selection for Each Web App

For each web application in your project, determine the best web hosting type

Web App	Chosen Hosting Type	Justification (Why This Choice?)	Estimated Cost	Scalability (Low, Medium, High)
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Web 1

Web 2

Web 3

Web 4

Web 5

Suggest an alternative hosting setup where all five web apps share a common infrastructure but maintain their distinct functionalities.

explain why each application/module of their project fits into Web 1, 2, 3, 4, or 5.

4. Web Standards & Compliance

For each web app, list three key web standards it must follow and explain why compliance is necessary.

Web App	Key Web Standards	Why It Matters?	Potential Legal Issues If Ignored
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Web 1

Web 2

Web 3

Web 4

Web 5

Other important attributes of project based on your creativity and understanding

explain why each application/module of their project fits into Web 1, 2, 3, 4, or 5.

5. SEO Strategy for Your Main Website

Develop an SEO strategy covering the following aspects specific to your project:

On-page SEO: (Title tags, meta descriptions, keyword strategy, content optimization)

Technical SEO: (Mobile-friendliness, page speed, structured data, sitemap)

Off-page SEO: (Backlinks, social media engagement, external link strategy)

Write a detailed SEO plan in paragraph form.

Other important attributes of project based on your creativity and understanding

explain why each application/module of their project fits into Web 1, 2, 3, 4, or 5.

6. Risk Assessment & Mitigation

Identify two risks for each web app and suggest solutions to mitigate them.

Web App	Risk	Impact Level (Low, Medium, High)	Mitigation Strategy
Web 1			
Web 2			
Web 3			
Web 4			
Web 5			

Other important attributes of project based on your creativity and understanding

Q2 Design a structured Web Page of your project using Semantic elements, Quotation Elements and the appropriate elements learned so far

Submission Guidelines:

No copy-pasting from the internet! Your answers must be based on your own project.

Logical reasoning is mandatory. Just writing “Cloud hosting” is not enough—justify every decision.

Format: Submit as a PDF or Word document as well as vs code files

