



Blog Webpage Management System

Professor

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Presented by

Group 43

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1. Topic:

In recent years, blogging has risen to the top of the list of internet activities. Writing, photography, and other forms of self-published web media are referred to as blogging. Blogging originally served as a platform for people to keep diaries in the form of entries, but it has subsequently been incorporated into the websites of numerous businesses. Frequent updates, casual language, and chances for readers to participate and strike up a dialogue are all characteristics of blogging. Blogging is a fantastic method to interact with your audience and establish trust. You can express yourself creatively by blogging about your ideas, passions, and opinions. It's comparable to running your own publication where you serve as both the editor and the writer. You get to both choose what appears in your online magazine and create every single piece for it. You have the creative freedom to write whatever you want. Longer content, like blog posts, might help you position yourself as an authority on the subject. By giving your audience unique, individualised, and in-depth content that they can't get anywhere else, you can establish a connection with them. A webpage builder can be used to create a blog or, for that matter, any page, which is a terrific marketing tool for your company. It enables you to engage your audience by sharing multimedia information with them. Your blog's success is mostly dependent on its quality of material. There are numerous reasons why you should create a blog now, especially with the excellent professional assistance of a blog webpage builder. As more people produce and share their own material online, there is a growing need for blogs.

The authors have decided to proceed with a business proposal in which original cocktail recipes will be the main theme of the blog. After some research we found out that there are plenty of food blogs that focus on the consumer experience but we didn't find any food or cocktail blogs that focus on the beverage ideation to create awesome drinks. The novelty behind this idea is the unveiling of the recipe through the means of conducting an interview with the creator of the recipe, and eventually communicating the message with the users through a story. Eventually, we wish to create a platform where mixologists can share their experiences and inspirations and create a database of signature cocktail recipes.

2. People:

Members	Student ID	School Email	Role
Vu Loc	S3891483	S3891483@rmit.edu.vn	I mainly keep track of how our group communicated in “Communication Section”, and deadlines by noting down achievements in the “Timtable Section”.
Pham Hieu Dat	3979760	s3979760@rmit.edu.vn	I am in charge with the keeping the group on track with the project scope. I will also help with solving technical difficulty
Nguyen Duy Khang	s3963613	s3963613@rmit.edu.vn	I am in charge of developing the Topic and also I revise and refine the end results of my teammates' works, as well as contributing to the team's general vision.
Georgios Theocharous	s3979444	s3979444@rmit.edu.vn	I am an exchange student from Denmark, studying software development. I came up with the business idea and the implementation. Also was responsible for the risk assessment.

3. Scope:

In Scope	Features for readers (user type 1)		
	Priority	Feature	Description
	High	Home page	Introduces the readers to the art of crafting cocktails and storytelling
		Navigation between group topic	Navigate between the categories based on alcohol type
		View group topic page	View all the posts for a specific category
		Article detailed page	Includes the stories and the recipes
		Connection to mySQL	The recipes will be stored in the database

		About page	Authors page
		Options for ad placement	Financial plan to support the blog
		Recent posts slider	Quick access to the most recent posts
		Subscription	RSS and email
	Medium	Sign in / sign up / sign out	Require an email and password
		Save article	
	low	Search feature	
		Contact form	Require an email
		Suggest article based on user's topic of preference when signing up	Most likely new type of cocktail
	Feature for writer (type 2)		
		Post articles	Mostly by those have account
		Manage post	By the admin
		Manage profile information	By the admin
Out of scope		Comment of article	
		Rating	

4. Timetable:

	Task Name	Duration	Start	Finish	Notes
1	Preparation phase	5 days	7/11/2022	12/11/2022	
1.1	Learn basic IT	3 days	7/11/2022	10/11/2022	Trello, WordPress, MySQL

1.2	Report induction	2 days	10/11/2022	12/11/2022	
2	Project Proposal	5 days	15/11/2022	20/11/2022	
2.1	Topic	1 days	15/11/2022	16/11/2022	Khang & Georgios
	People	0.5 day	16/11/2022	17/11/2022	Everyone contributed to provide their information
	Scope	2 day	17/11/2022	19/11/2022	Dat
	Timetable	0.5 days	17/11/2022	19/11/2022	Loc
	Communication	0.5 days	15/11/2022	19/11/2022	Loc
	Risks	0.5 day	18/11/2022	19/11/2022	Georgios
	Review				
	Conduct user research	1 day	15/11/2022	17/11/2022	Georgios
	Gather requirements	1 day	17/11/2022	19/11/2022	Georgios
3	System Design	3 days			
	Design system architecture & ERD	2 days			
	Review Requirements & Risk Assessment documents	1 day			
4	Implementation	6 days			
	Setting up WordPress	1.5 day			
	Install plugins (High priority features)	1.5 day			
	Connection to mySQL	1 day			
	Review Requirements & Risk Assessment documents	1 days			
	Medium/Low priority features	1 day			

5. Communication:

- **Weekly meeting**
 - A weekly meeting to review progress, questions, and discuss any related issues with all team members.
- **Discuss**
 - The layout of the proposal
- **Daily communication**

- Every team member will daily discuss any confusion, and milestone achievement.
- Activities involved
- **Milestone meetings**
 - Preparation in advance
 - Team members needed for meeting
 - List questions
 - Present ideas and resources needed
- **During meetings**
 - Progress review
 - Discuss and solve any questions
 - Present new ideas
- **After meeting**
 - Noted down new ideas and solutions
 - Share resources for new ideas

6. Risk assessment:

The initial risk assessment of the project containing project related risks and product/technical related risks and their mitigation actions.

ID	Name	Probability	Impact	Risk factor	Mitigation actions
Project Risks					
R1	Not enough time to complete the implementation of the project	4	5	20	Regular meetings and project scope adjustment if needed
R2	Unexpected team member availability	5	3	15	Flexible tasks that can be distributed if needed
R3	Changing requirements	1	3	3	Regular meetings and project scope adjustment if needed
R4	Not clear enough specification	2	3	6	Formal review of the specification document
Technical Risks					
R5	Unfamiliarity with the tech stack causing delays	3	4	12	Pair programming sessions and ad hoc meetings

R6	Webpage downtime due to security vulnerabilities related to WordPress	1	4	4	Keep plugins and themes up to date
R7	Webpage downtime due to security vulnerabilities related to mySQL	1	4	4	Preventive measures against SQL injections

Impact 1: Not significant 2: Minor 3: Moderate 4: Major 5: Severe				Probability 1: Rare 2: Unlikely 3: Possible 4: Likely 5: Almost Certain	
Probability	Risks				
Almost Certain			R2		
Likely					R1
Possible				R5	
Unlikely			R4		
Rare			R3	R6, R7	
Impact	Not significant	Minor	Moderate	Major	Severe