

## Project Documentation Guidelines

Please follow the instructions below carefully when preparing your project documentation. These guidelines are essential to ensure your submission meets the expected standards.

### 1. Document Structure

Avoid using bullet points. Instead, organise your content using clearly defined sections and subsections. Use headings to separate each part of the documentation for readability and coherence.

### 2. Adherence to the Project Brief

Ensure you follow every instruction outlined in the project brief. I will share the brief with you shortly—refer to it throughout your documentation to avoid missing any key requirements.

### 3. Architecture Diagram

When presenting the architecture of your solution:

Do not include only a visual diagram.

Create a dedicated section explaining the architecture.

Use triangular representation or a structured layout to illustrate the relationships between the services.

Include dimensions, connections, and descriptions of all services used.

Discuss how each component contributes to the overall system.

### 4. Functional and Non-Functional Requirements

In the relevant section of your report, use technical language to describe both functional and non-functional aspects.

Examples of appropriate terms include:

Scalability

Real-time responsiveness

Fault tolerance

High availability

Security

Make sure your explanations are concise but technically accurate.

## 5. AWS Services – Code and Explanation

For each of the five AWS services you are using:

Provide a code snippet demonstrating how the service is implemented programmatically.

Include a clear explanation of what the code does and why it's important to your solution.

This is a critical part of the documentation.

## 6. Libraries

In the Library section of your documentation:

Include a code snippet showing how the library is used.

Explain:

What the library does

How it is implemented

The benefits it provides

Its overall role in your project