Review Report

I. Background Information:

Group Name: **404 Not Found**

Present:

	ID	Full Name	Email	Phone number
1	23127203	Trần Hữu Khang	thkhang23@clc.fitus.edu.vn	0909400548
2	23127361	Thạch Ngọc Hân	tnhan23@clc.fitus.edu.vn	0828333488
3	23127406	Nguyễn Tấn Lộc	ntloc23@clc.fitus.edu.vn	0867769759
4	23127460	Lê Đình Minh Quân	ldmquan23@clc.fitus.edu.vn	0866931605
5	23127488	Lê Thị Minh Thư	ltmthu23@clc.fitus.edu.vn	0348402072

Absent:

None

Purpose of the meeting:

    - Finish all the required documents for PA03.

Meeting format:

Group Meeting Date: 1/8/2025.

Where: Google Meet

Begins at: 20h Until: 20h30

II. Meeting result:

    - Complete PA03.

III. Task grading:

	Full Name	Assigned Task	Expectation	Completeness
1	Trần Hữu Khang	Render Class Diagram Draw a Class-Diagram and Write a Description for: - Controller component: *Authentication Controller*	Finish the tasks in the desired sections in the shared document.	10/10
2	Thạch Ngọc Hân	Draw a Class-Diagram and Write a Description for: - Controller component: *Comment Controller and Editor Controller* Validate the whole architecture document.	Finish the tasks in the desired sections in the shared document.	10/10
3	Nguyễn Tấn Lộc	Draw a Class-Diagram and Write a Description for: - Controller component: *Writer Controller.* - *Route component* Validate the whole architecture	Finish the tasks in the desired sections in the shared document.	10/10

		document.		
4	Lê Đình Minh Quân	Draw a Class-Diagram and Write a Description for: - Controller component: *User Controller, Admin Controller* Scripting and synthesising code format for coherent Class Diagram rendering	Finish the tasks in the desired sections in the shared document.	10/10
5	Lê Thị Minh Thư	Draw a Class-Diagram and Write a Description for: - Controller component: *Article Controller, Search Controller,* and *Dashboard Controller*	Finish the tasks in the desired sections in the shared document.	10/10

Full Name	Comment
Trần Hữu Khang	Well-documented paragraphs, clear class diagrams.
Thạch Ngọc Hân	Well-documented paragraphs, clear class diagrams.
Nguyễn Tấn Lộc	Well-documented paragraphs, clear class diagrams.
Lê Đình Minh Quân	Well-documented paragraphs, clear class diagrams.

Lê Thị Minh Thư	Well-documented paragraphs, clear class diagrams and use-case model.

IV. Overall Evaluation:

1. **What has been done well?**
   - The team has successfully established a clear and well-structured MVC architecture, effectively separating concerns between the View, Controller, Model, and Route components, which enhances maintainability and scalability.
   - A comprehensive set of class diagrams has been developed for each component, providing a precise and standardised visual representation of the system's structure and relationships.
   - The logical view clearly illustrates the system's organisation, showing how user requests flow from the client through middleware, routes, and controllers to the models and database, aligning with best practices in web application design.
   - The design effectively models role-based user inheritance, with Admin, Writer, and Editor properly extending the base User class, promoting code reuse and a clean, object-oriented structure.
   - Key domain models such as Article, Category, and Tag are correctly associated, reflecting real-world relationships and enabling flexible content categorisation and search functionality.
   - The architecture incorporates critical non-functional requirements, including security (MFA, password encryption), fault tolerance (auto-save), performance (fast search and load times), and availability (24/7 uptime), demonstrating a mature understanding of system quality attributes.
   - Each controller is logically connected to its corresponding model and service, ensuring a consistent pattern of responsibility and data flow across the system.
   - The use of detailed component descriptions in the View and Controller sections shows a deep understanding of user interactions and backend logic, bridging the gap between UI design and system functionality.
   - The team has demonstrated strong collaboration and technical rigour, producing a cohesive, professional-grade Software Architecture Document that serves as a solid foundation for the implementation phase.

2. **Problems arise:**
   - *Process Issues*: Identify problems with time management, task coordination, and meeting effectiveness.
   - *Quality Issues*: Note any concerns about document completeness, English writing quality, and formatting consistency.

3. **Lesson learned:**
   - *Technical Lessons*: Use-case modelling, requirements documentation, and software engineering tools
   - *Process Lessons*: Insights about team collaboration, time management, and feedback incorporation.
   - *Communication Lessons*: What was learned about effective team communication, documentation standards?

- *Planning Lessons*: Insights about project planning, task estimation, and deadline management.