



## SYSTEM INTEGRATION AND ARCHITECTURE 2

### - MINUTES OF THE MEETING 3 -

**DATE :** September 17, 2025

**VENUE :** Barangay 145

**TIME :** 10:30 PM

#### ATTENDEES

1. Morales, Trixie Ann G.	
2. Borling, Lyra Mae G.	
3. Sazon, Moneque U.	
4. Caseres, McComstone A.	
5. Sarabia, Hanna N.	
6. Jann Raniel P. Campos	

#### AGENDAS:

- A. Interview
- B. Planning
- C. Brainstorming

#### DISCUSSIONS:

##### A. Interview

During our meeting at Barangay 145, Bagong Barrio, Caloocan City, the group conducted an interview with the Barangay Secretary to better understand the challenges faced in managing their records and handling resident requests. From the conversation, we learned that the barangay is currently struggling with disorganized documentation, missing files, and the absence of a digital record-keeping system. These issues have made it difficult for the new officials to manage operations efficiently and have caused delays in processing requests from residents. The lack of a proper system also affects decision-making and accountability within the office.

##### B. Planning

We decided that the proposed system will be developed using React.js for the frontend to ensure a user-friendly and responsive interface, and JavaScript with Node.js for the backend to support smooth and reliable operations. We also agreed to include a MySQL database for secure and centralized record storage to prevent the loss of important files.



### C. Brainstorming

The group shared ideas about the system's concept and possible features. Each member contributed suggestions on how the system could effectively manage barangay records and process resident requests more efficiently. The discussion focused on identifying the most useful functions to include, such as a dashboard for quick data overview, a residents section for adding and managing basic information, a certificates module for processing document requests, and a users module for managing system accounts and access levels. This session helped the team align their ideas and build a solid foundation for the system's overall design and purpose.

#### Proof of Engagement:



Meeting adjourned at 12:37 PM



**Prepared by:**

**Borling, Lyra Mae G.**  
Documentation Leader

**Reviewed by:**

**Sarabia, Hanna N.**  
QA Leader

**Checked by:**

**Morales, Trixie Ann G.**  
Project Leader