

GROUP 2 PRESENTATION

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PURPOSE

Use Case Diagram

This Use Case Diagram clarifies the system's scope by showing how the Barangay Residents Data Management System (BRDMS) is used by its key actors—the Administrator, Barangay Officer, and Barangay Captain—and how they interact with the core functions.

Data Flow Diagram

The purpose of the Data Flow Diagram (DFD) is to visually represent how data flows within the Barangay Residents Data Management System (BRDMS). It shows the interaction between external entities, system processes, and data stores, making it easier to understand how information is collected, processed, stored, and distributed.

ACTORS AND ROLES:

Use Case Diagram

Administrator – manages the system, user accounts, and overall settings.

Barangay Officer – handles day-to-day tasks such as document processing, clearance management, and issue resolution.

Barangay Captain – provides oversight and gives final approval for official documents.

Common Functions (for secure access):

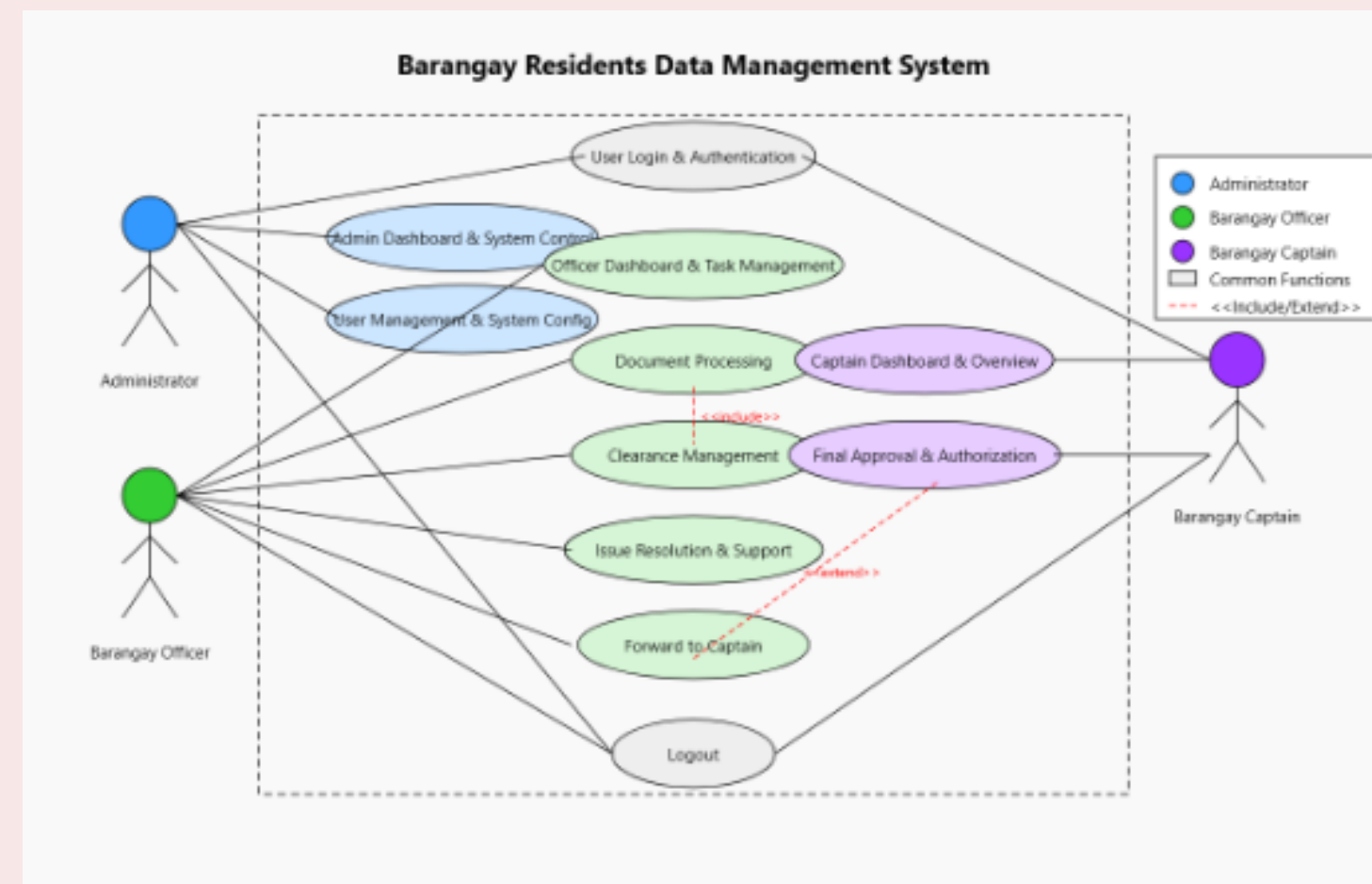
Login

Logout

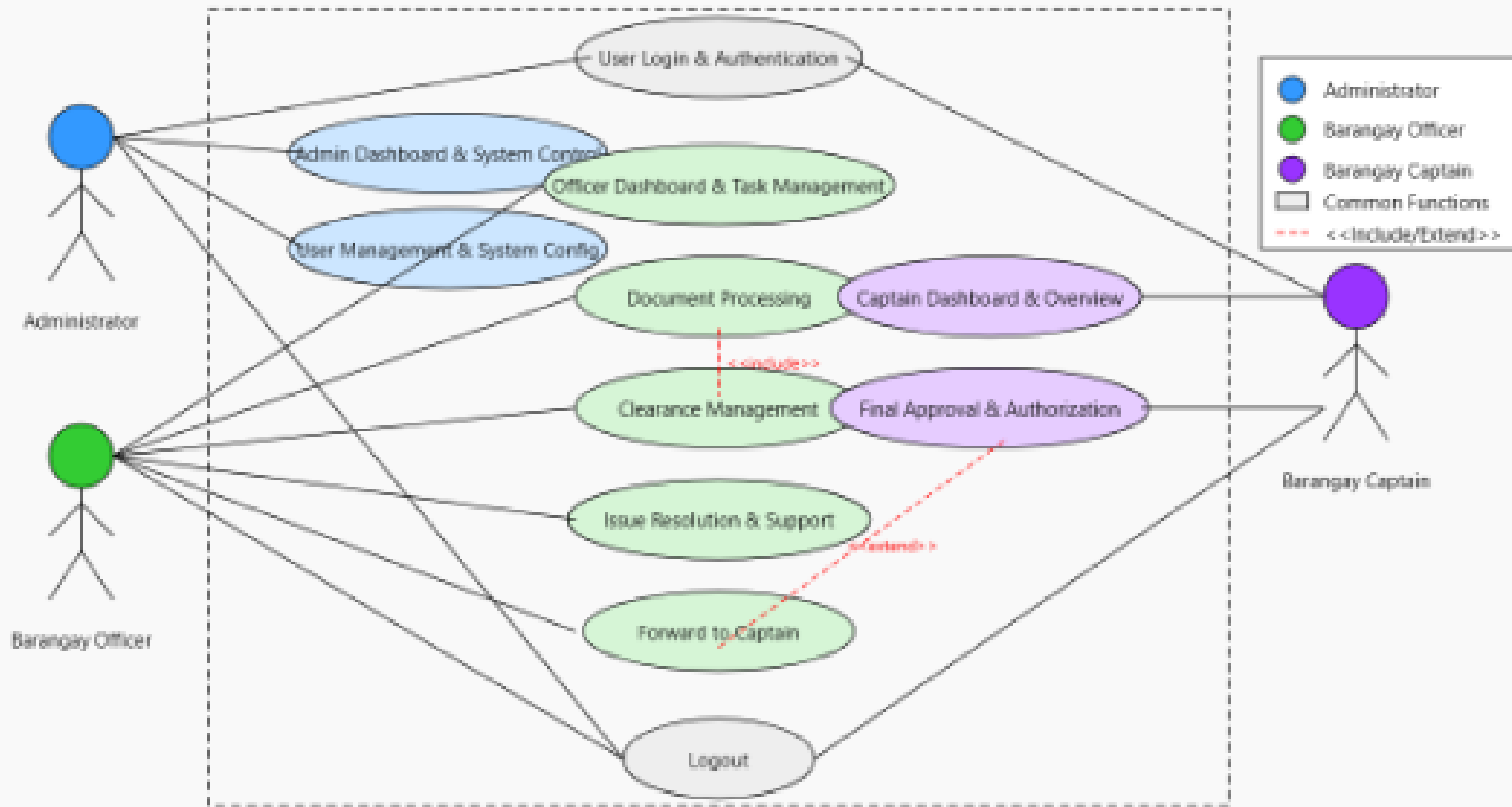
Relationships:

<<include>> → required process (e.g., clearance management always involves document processing).

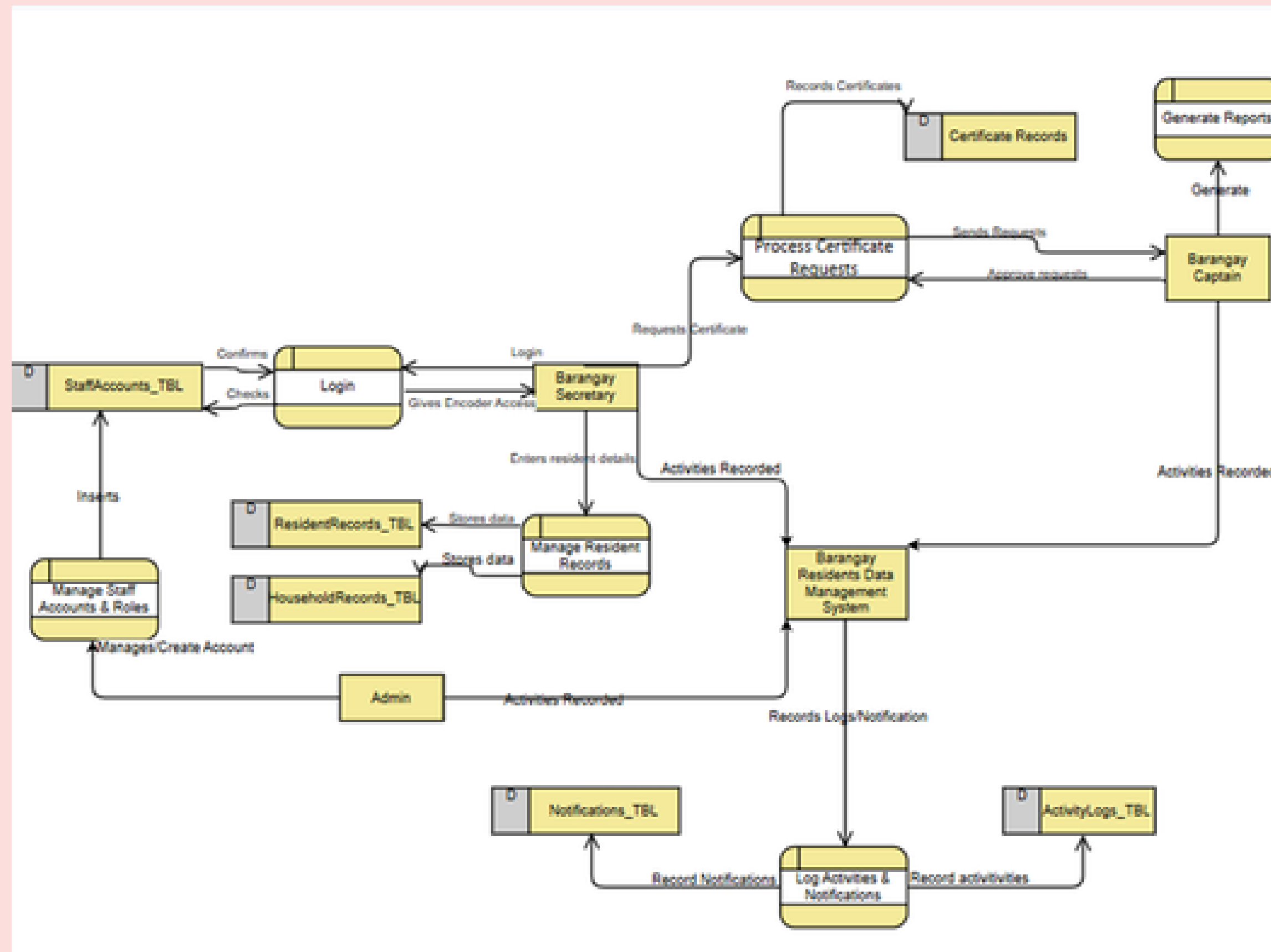
<<extend>> → optional/conditional process (e.g., forwarding to captain may extend to final approval).

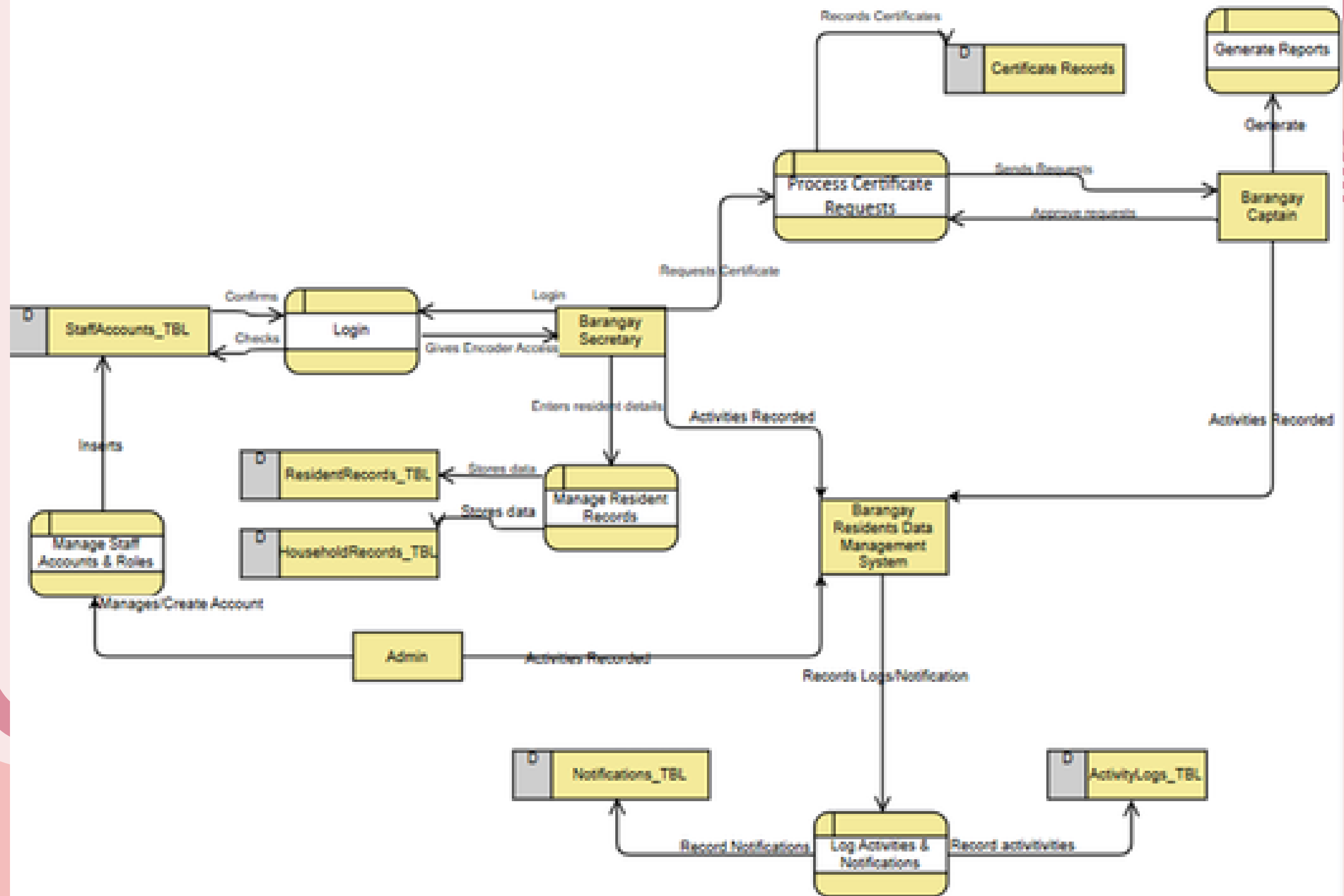


Barangay Residents Data Management System



DATA FLOW DIAGRAM







THANK YOU