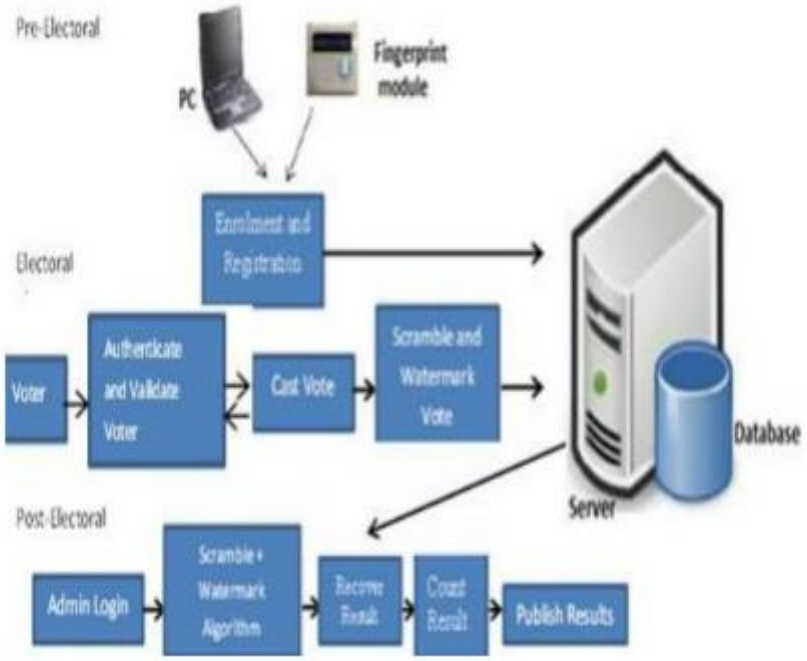
Project Design Phase – Part 1

Solution Architecture

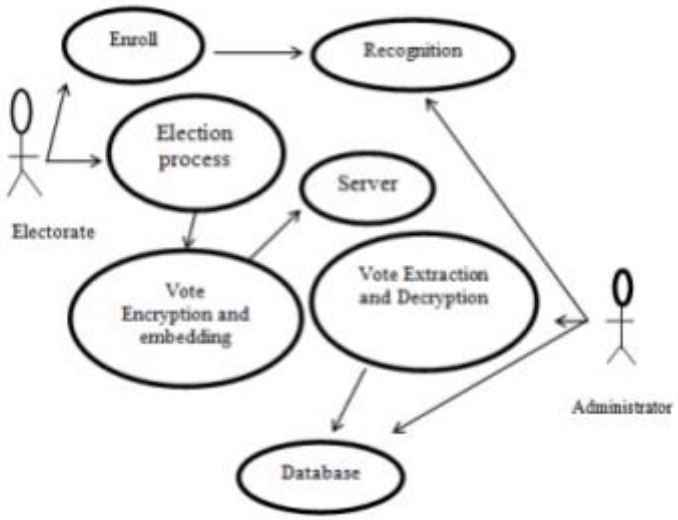
TEAM ID	NM2023TMID04400
PROJECT NAME	BIOMETRIC SECURITY SYSTEM FOR VOTING PLATFORM

Architecture of Secured Model for E-Voting System :

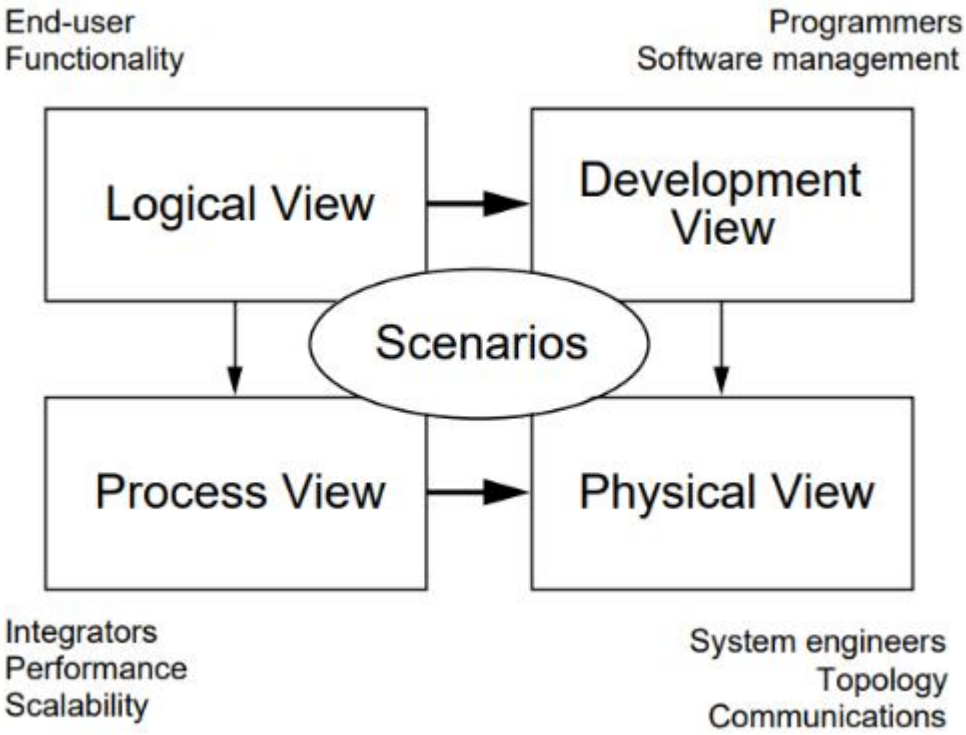
- The proposed electronic voting system was developed to allow the general public to vote via a desktop computer, the system is an open-ended type that accommodates both the administrator and the voter.



Use Case Diagram of proposed e-voting System :



Architecture of Biometric voting



Logical View:

- The logical view is concerned with the system's functionality to end-users.

Development View:

- The process perspective is concerned with the dynamic features of the system, describes the system processes and how they communicate, and focuses on the system's run-time behaviour.
- Concurrency, distribution, integrator, performance, scalability, and other issues are addressed from the process perspective.

Process View:

- The development view depicts a system from a programmer's standpoint and is concerned with software management.
- It is often referred to as the implementation perspective.

Physical View:

- The physical view (also known as the deployment view) illustrates the system from the perspective of a system engineer.
- It is concerned with the physical layer structure of software components and the physical connections between these components.

Scenario View:

- A limited selection of use cases, or scenarios, are used to explain the architecture description, which becomes the fifth view. The scenarios represent interaction sequences between objects and processes.

- They are used to identify architectural aspects and depict and assess architectural designs.
- They also serve as a starting point for architecture prototype testing. It is often referred to as the use case view.