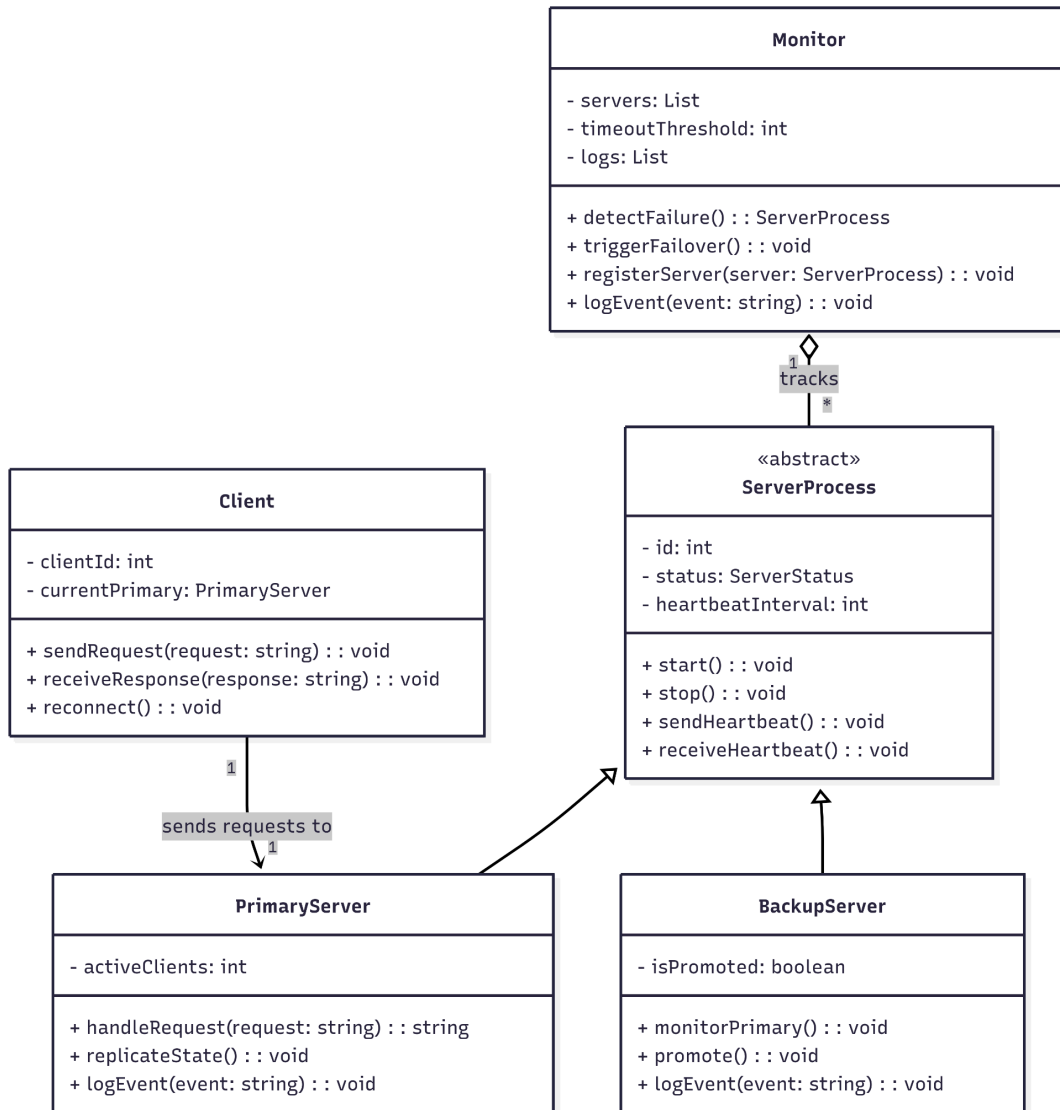


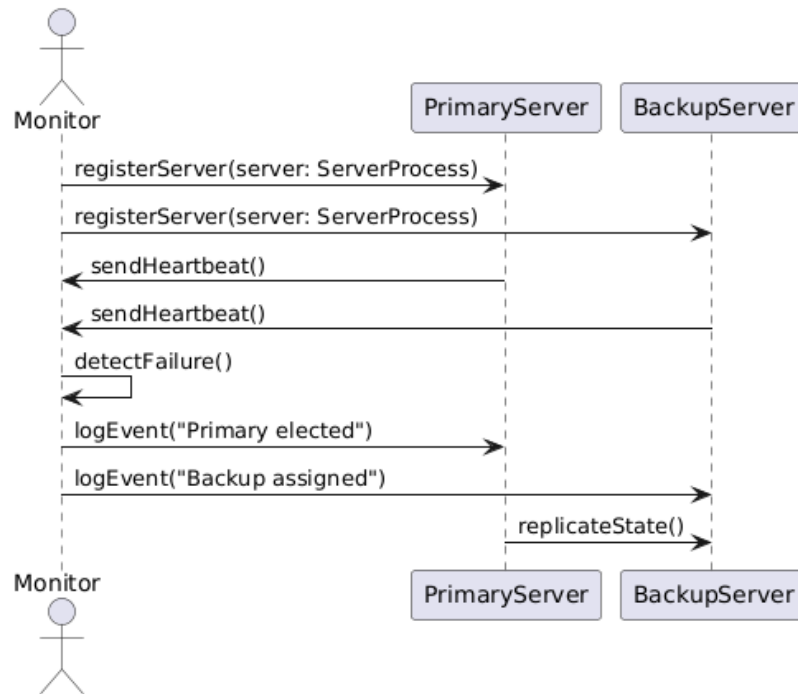
Step 2: Use Cases and UML

2.1- Class Diagram: (Sahij, Ryan, & Bhavika)



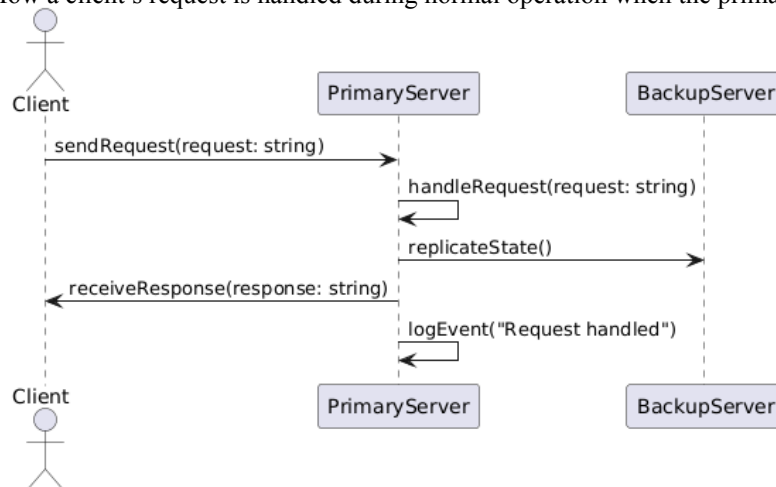
2.2 - Sequence Diagram (Sahij & Bhavika)

a) Startup and Leader Election

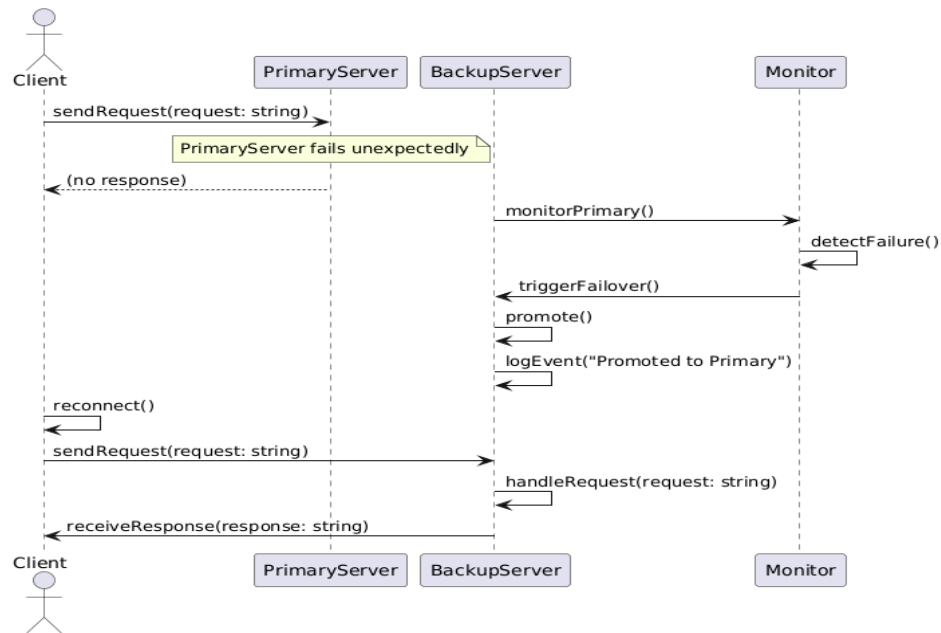


b) Client Request Flow

i) How a client's request is handled during normal operation when the primary server is active



ii) How the system handles a client request during a failover event, when the backup server takes over because the primary has failed



Step 3: System and OOP Design (Sahij)

