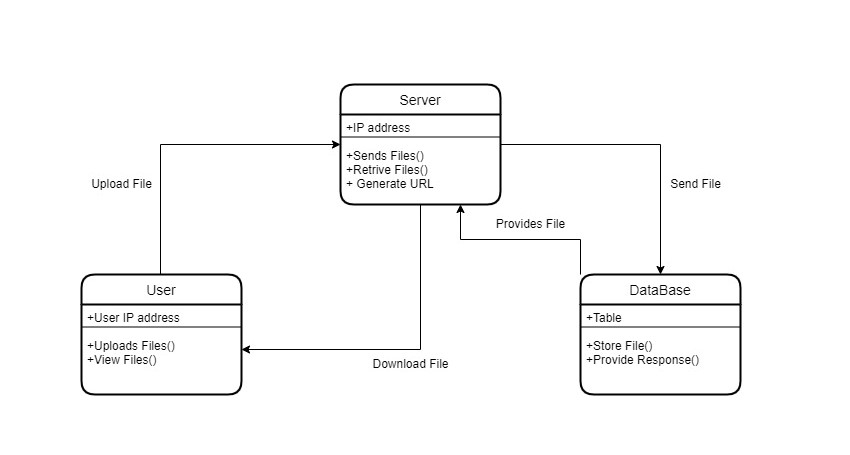
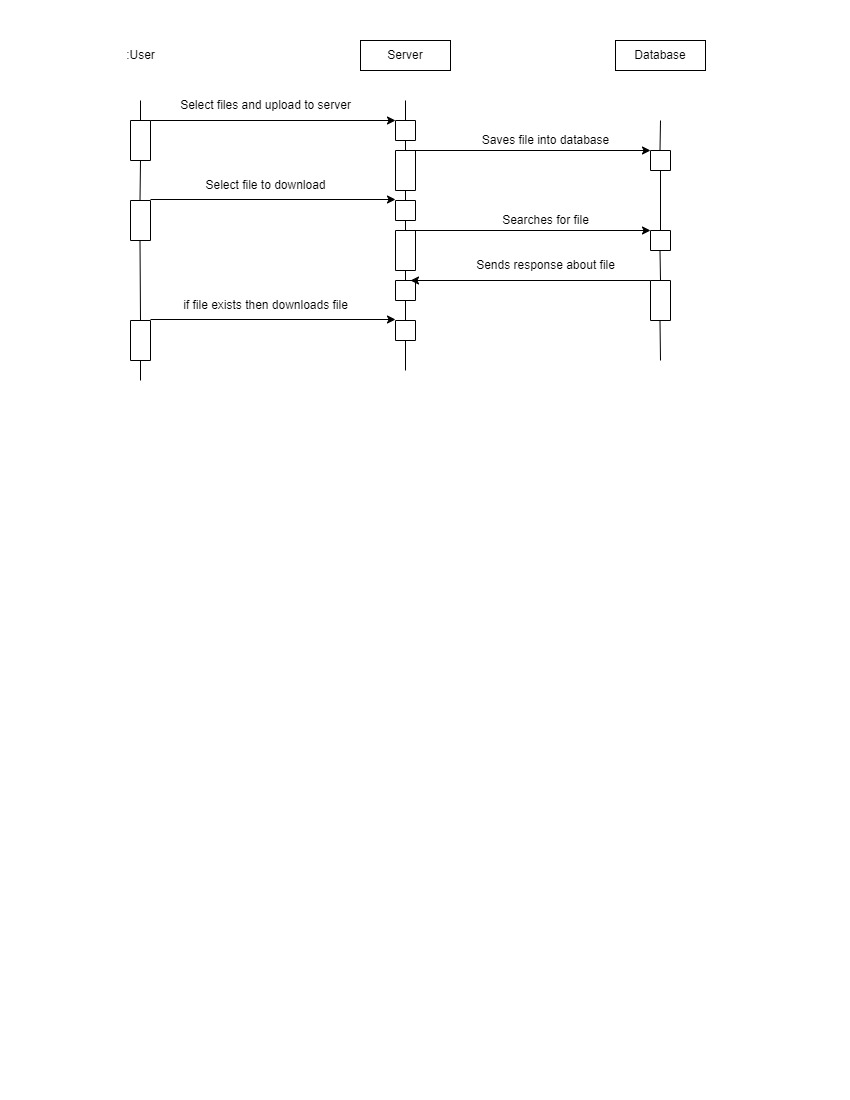


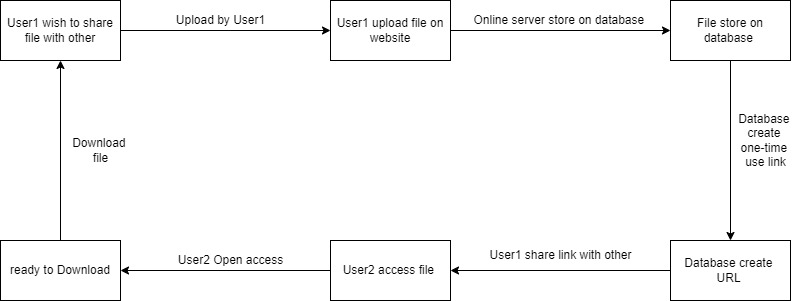
**Activity Diagram**

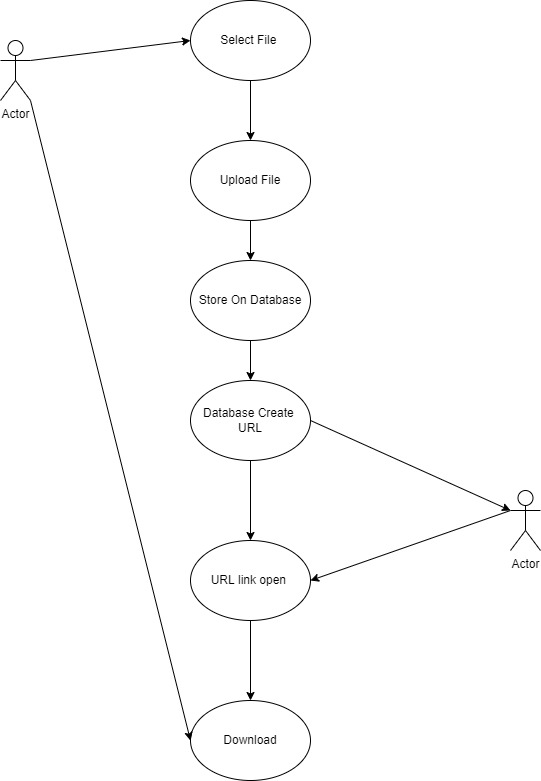


**Class Diagram**



**Sequential Diagram**

**State Diagram**



**Use Case Diagram**