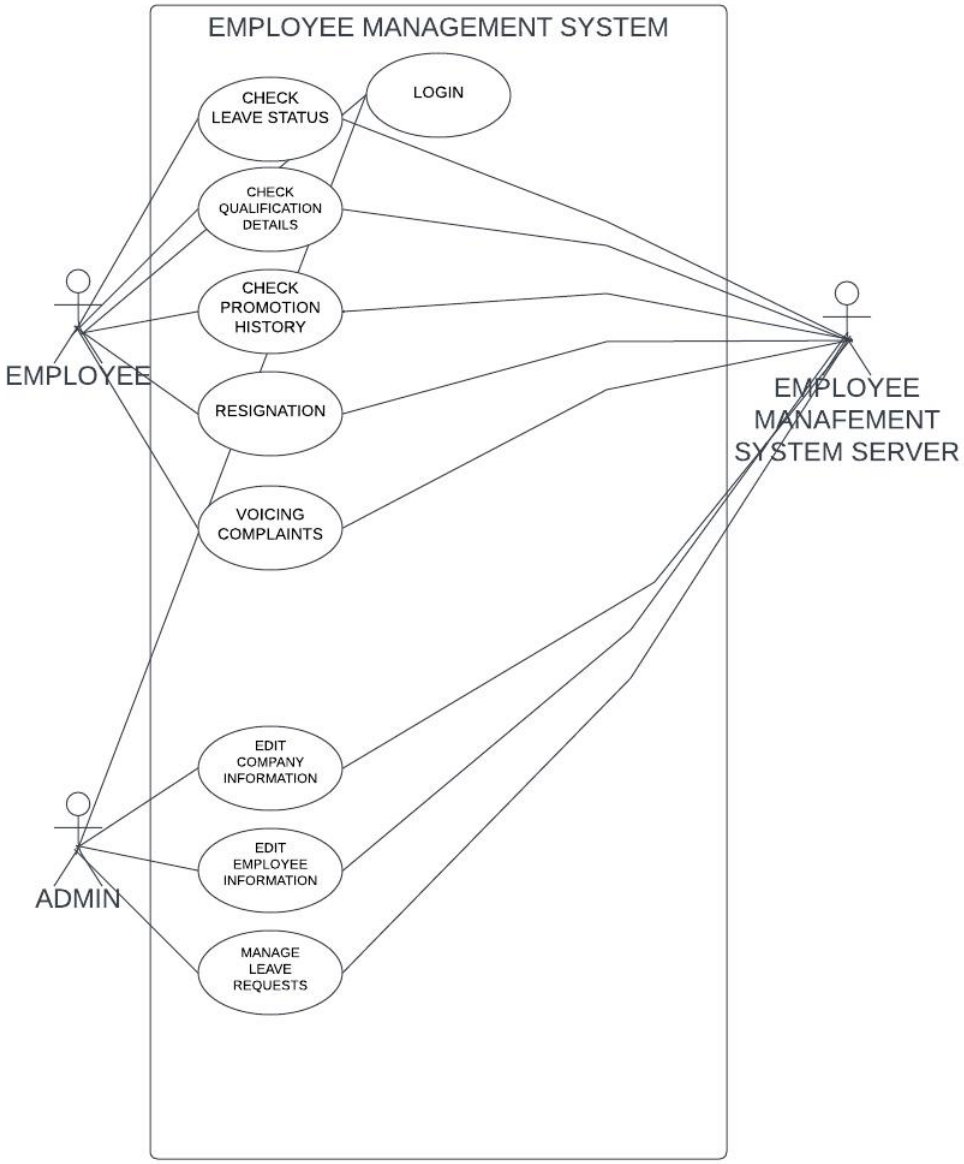
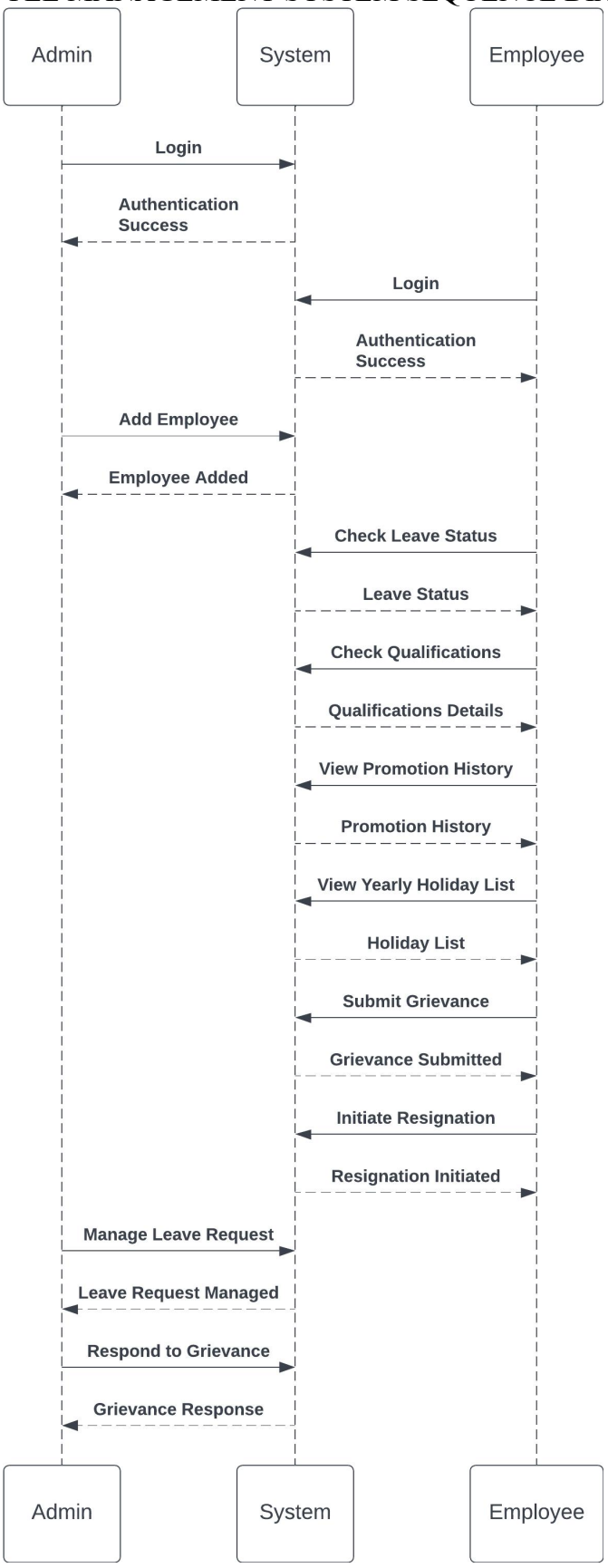
CMP 403 OPEN TEST

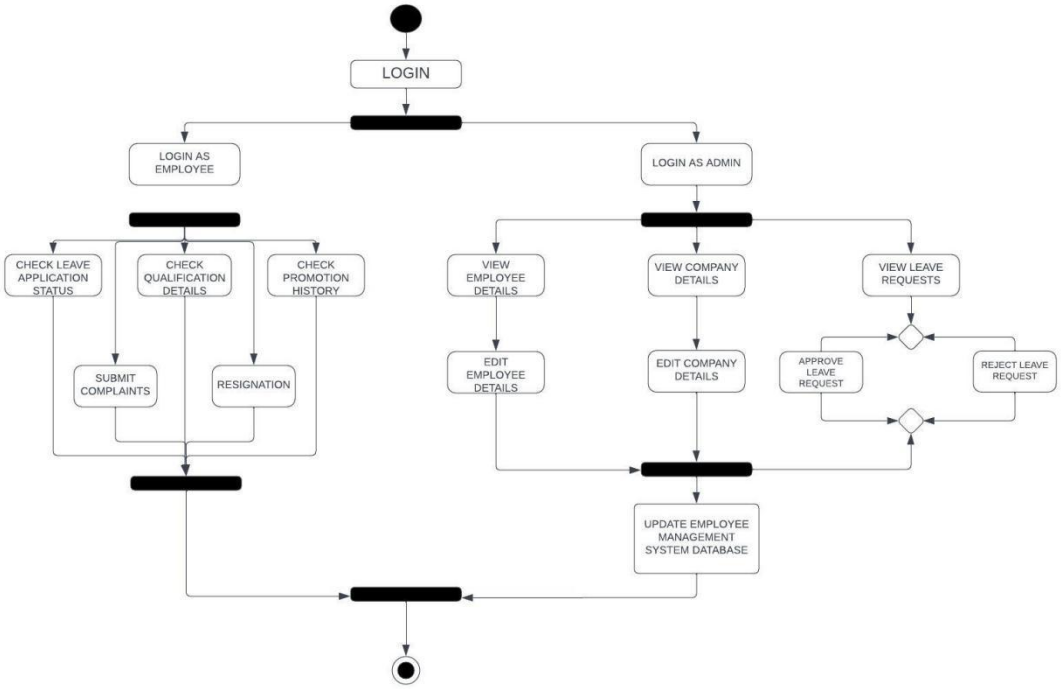
EMPLOYEE MANAGEMENT SYSTEM USE-CASE DIAGRAM



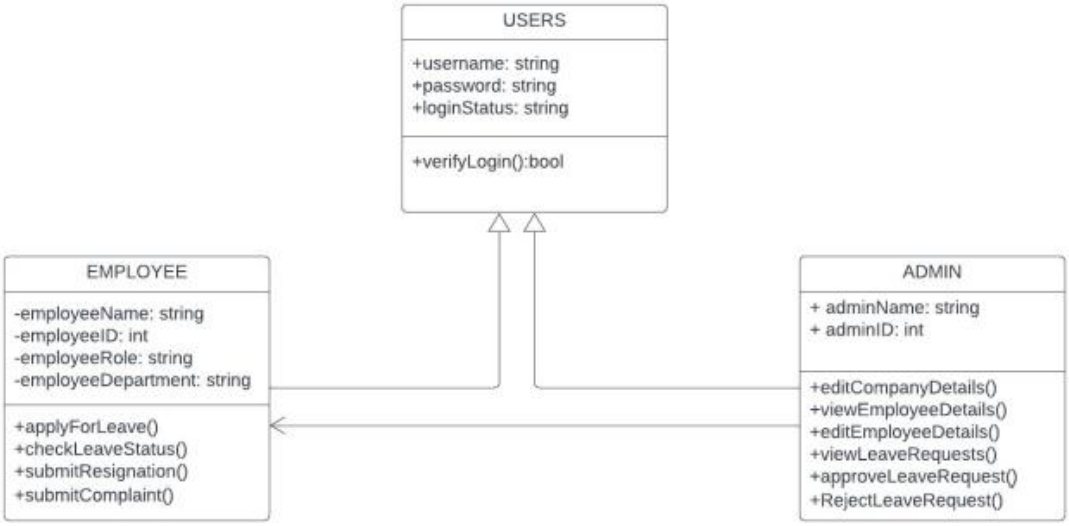
EMPLOYEE MANAGEMENT SYSTEM SEQUENCE DIAGRAM



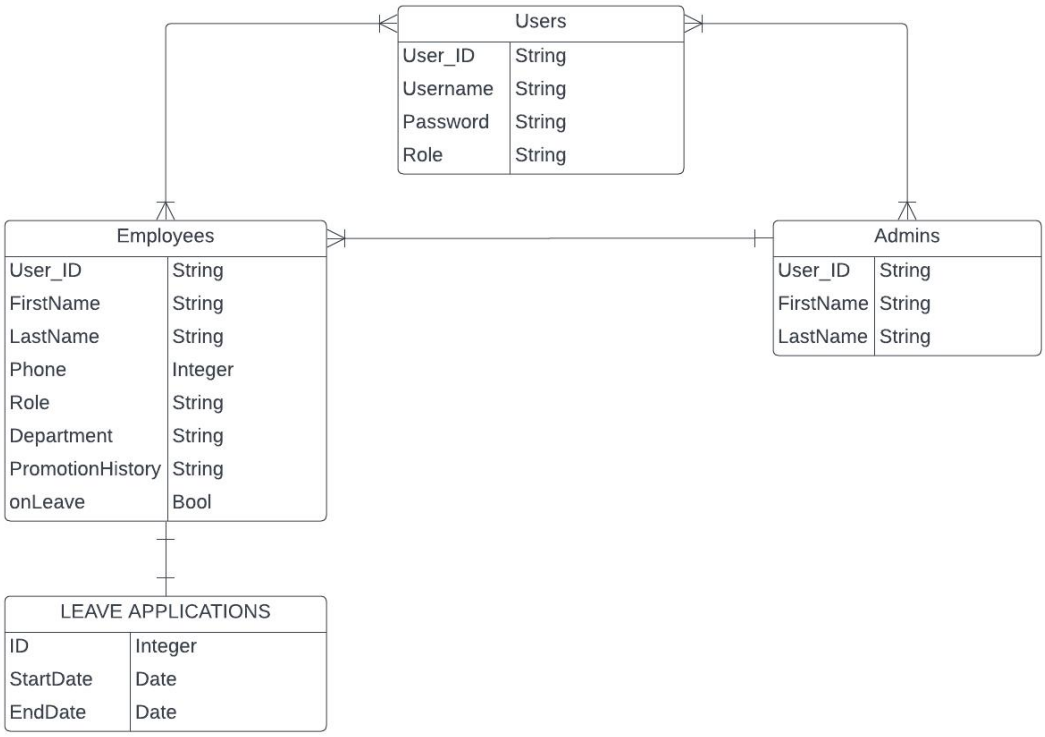
EMPLOYEE MANAGEMENT SYSTEM ACTIVITY DIAGRAM



EMPLOYEE MANAGEMENT SYSTEM CLASS DIAGRAM

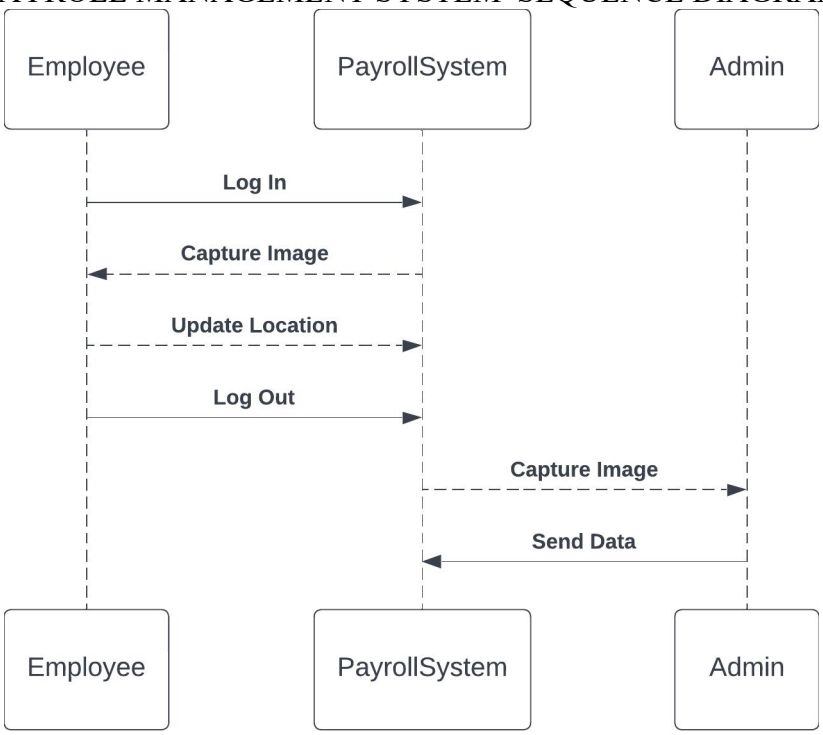


EMPLOYEE MANAGEMENT SYSTEM UML ENTITY RELATIONSHIP DIAGRAM

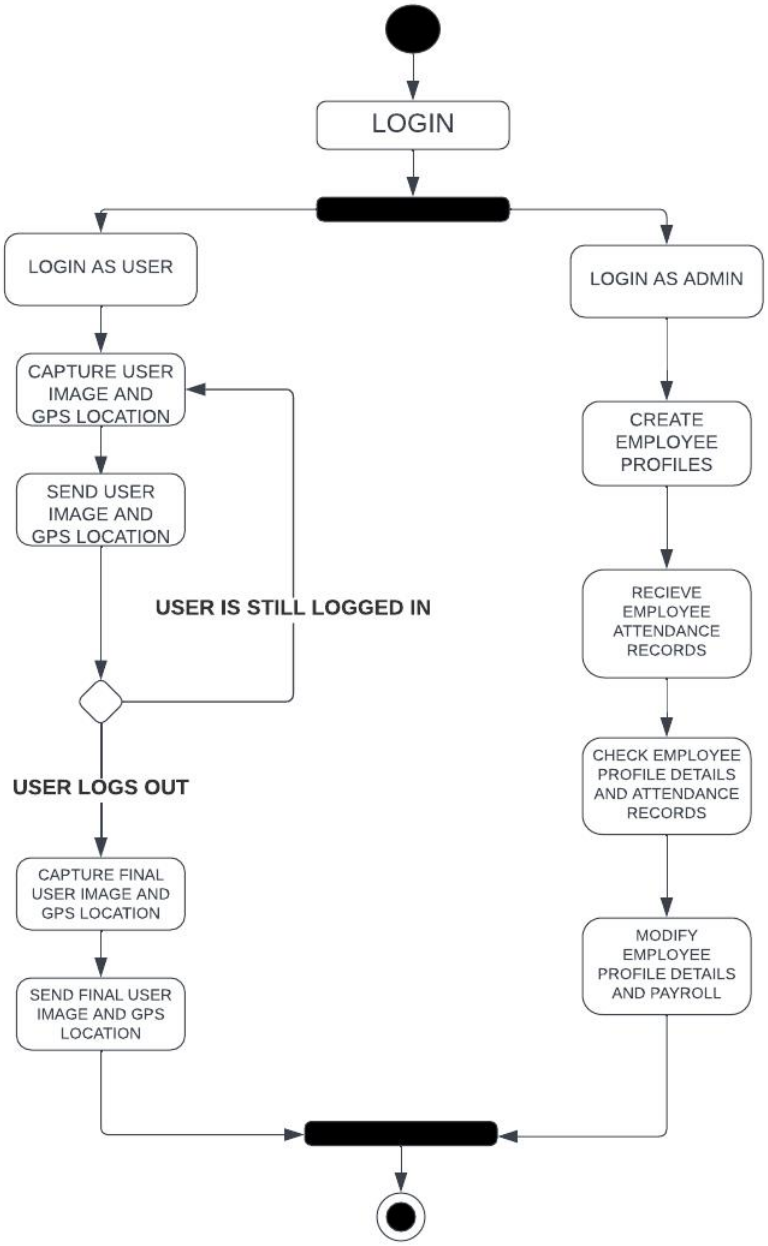


PAYROLL MANAGEMENT SYSTEM USE CASE DIAGRAM

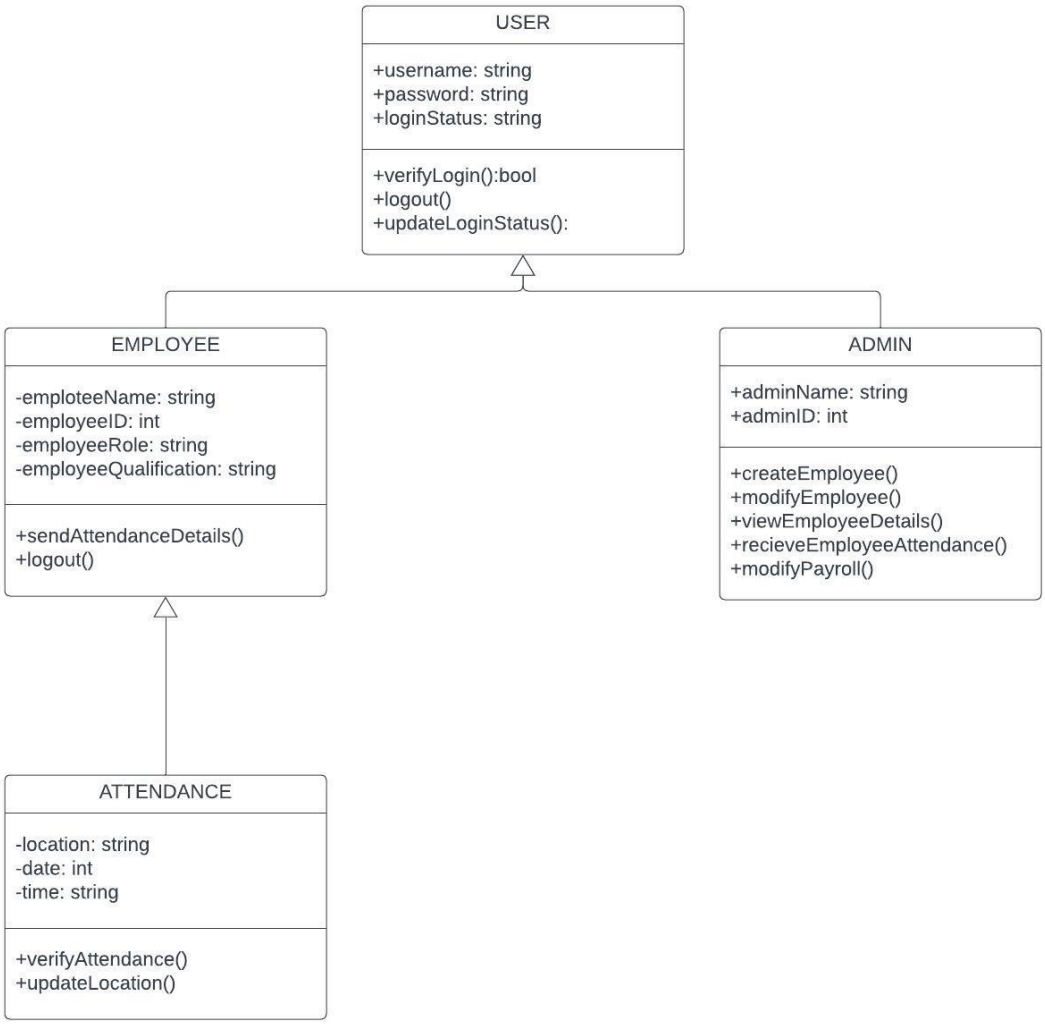
PAYROLL MANAGEMENT SYSTEM SEQUENCE DIAGRAM



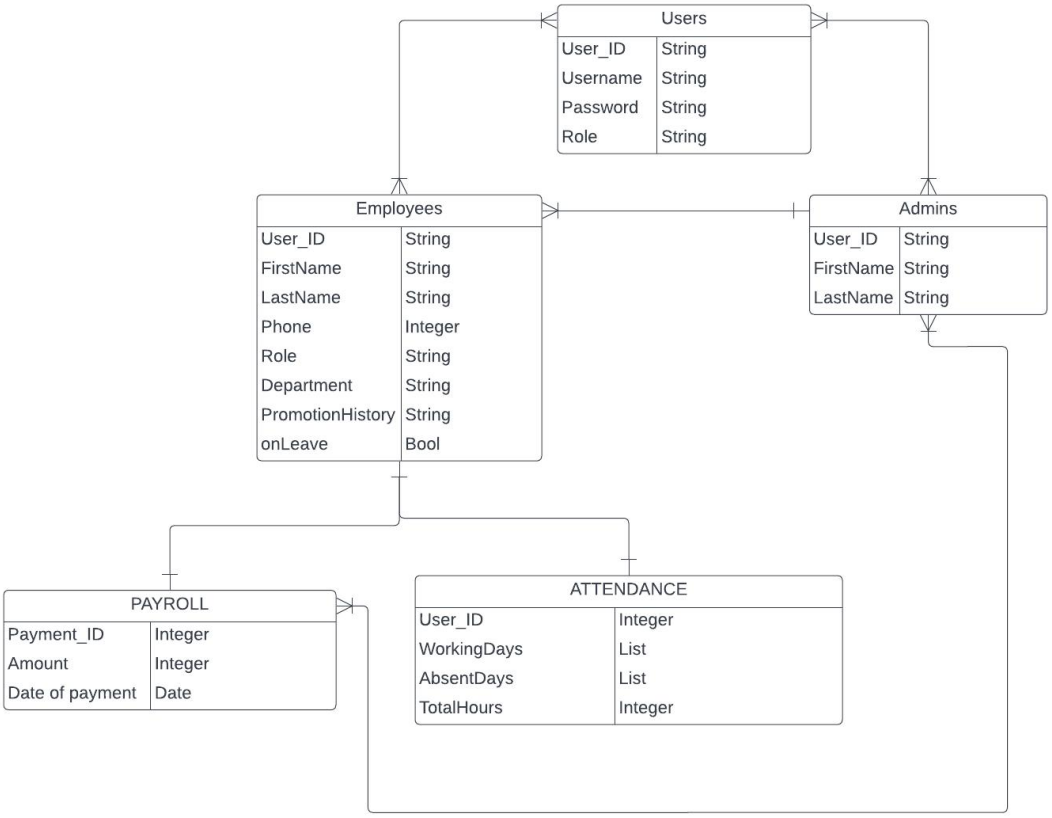
PAYROLL MANAGEMENT SYSTEM ACTIVITY DIAGRAM



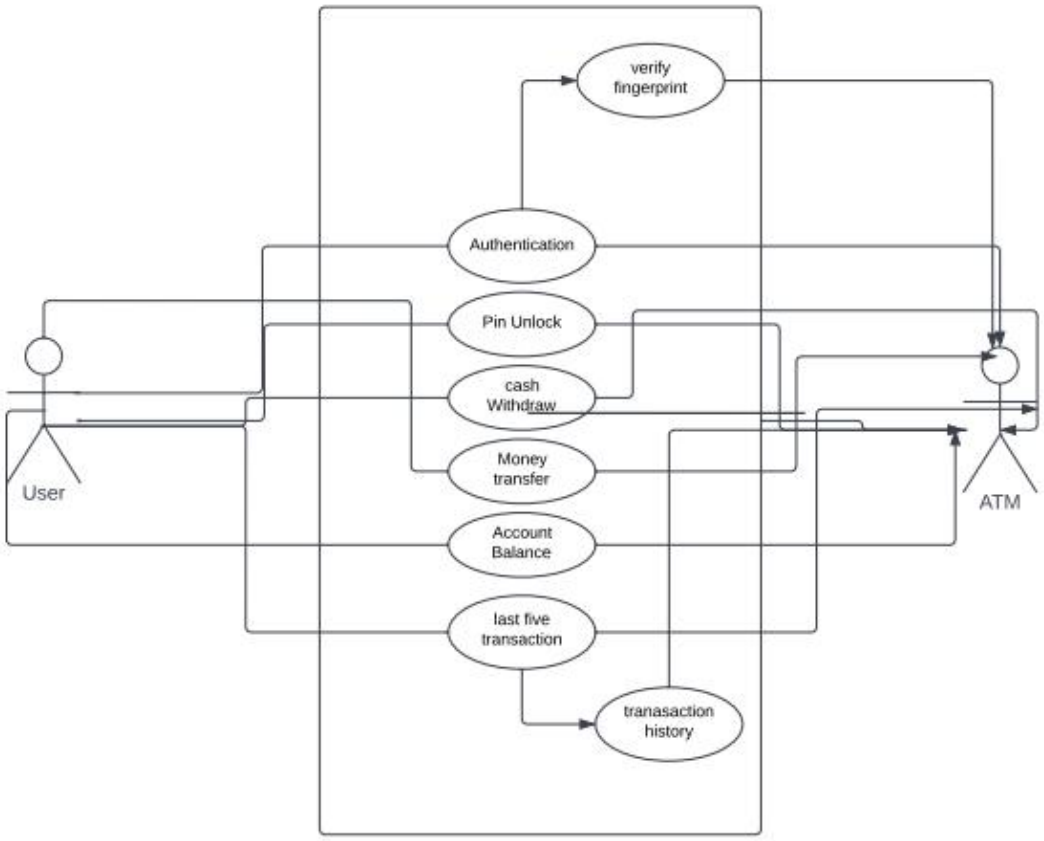
PAYROLL MANAGEMENT SYSTEM CLASS DIAGRAM



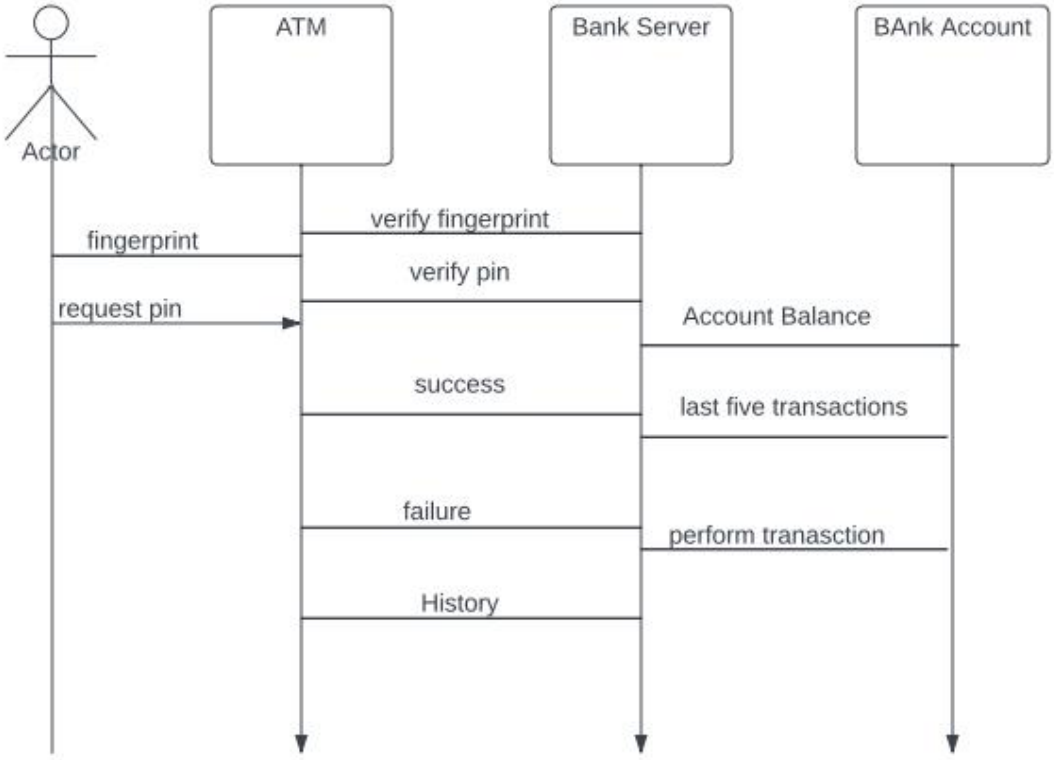
PAYROLL MANAGEMENT ENTITY RELATIONSHIP DIAGRAM



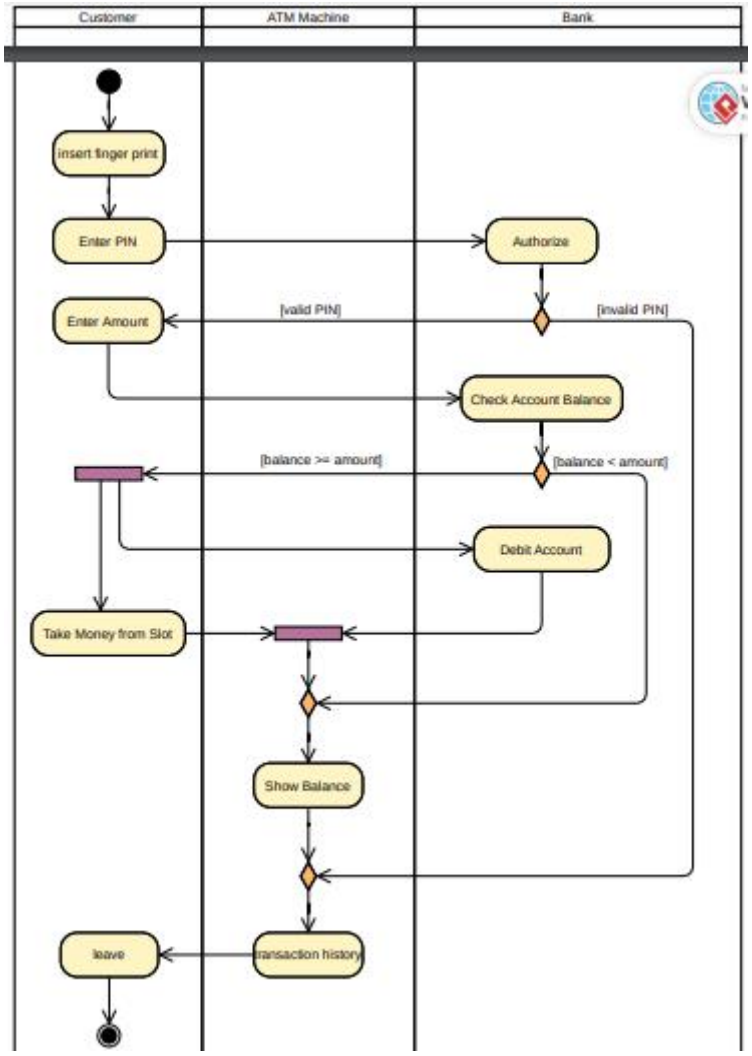
FINGERPRINT-BASED ATM CARD USE-CASE DIAGRAM



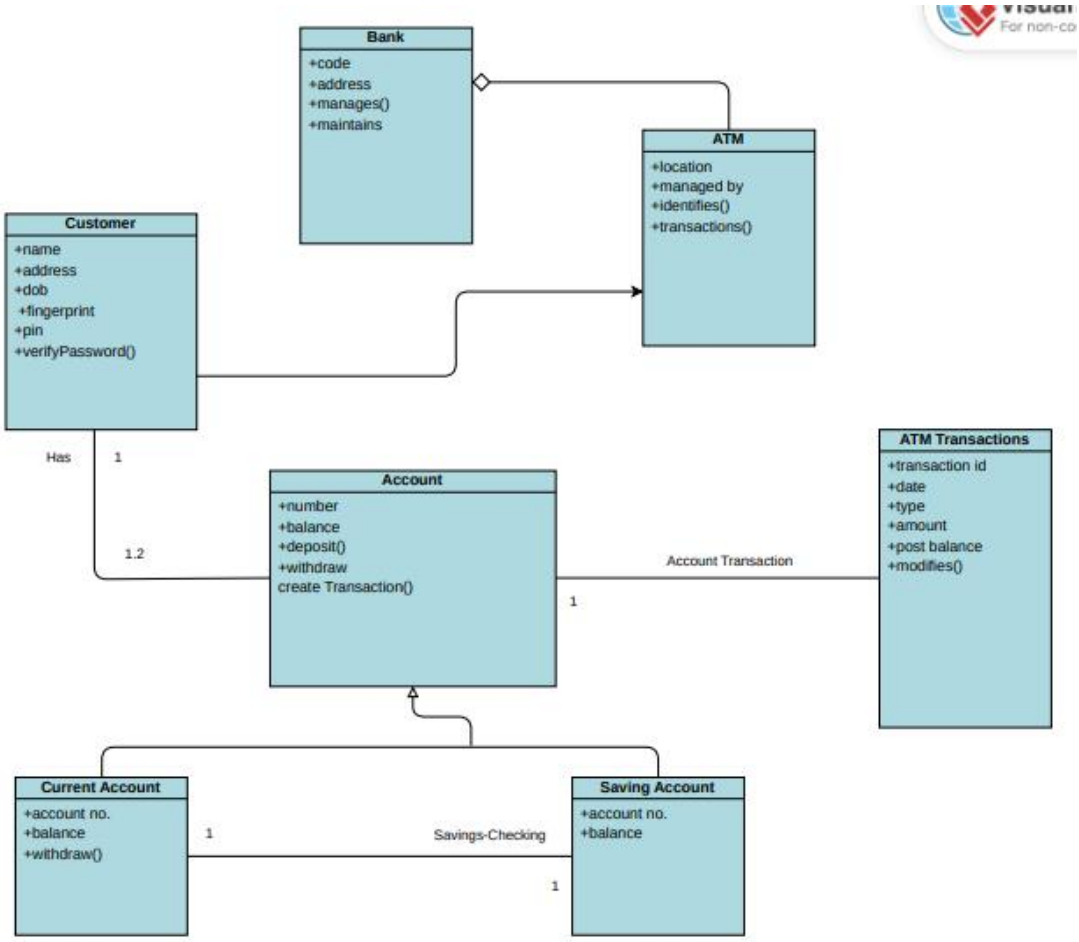
FINGERPRINT-BASED ATM CARD SEQUENCE DIAGRAM



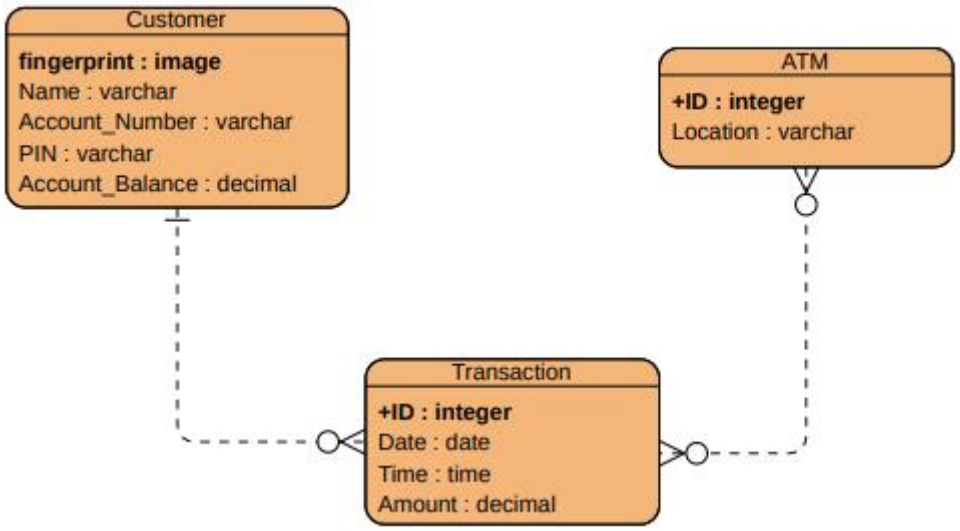
FINGERPRINT-BASED ATM CARD ACTIVITY DIAGRAM



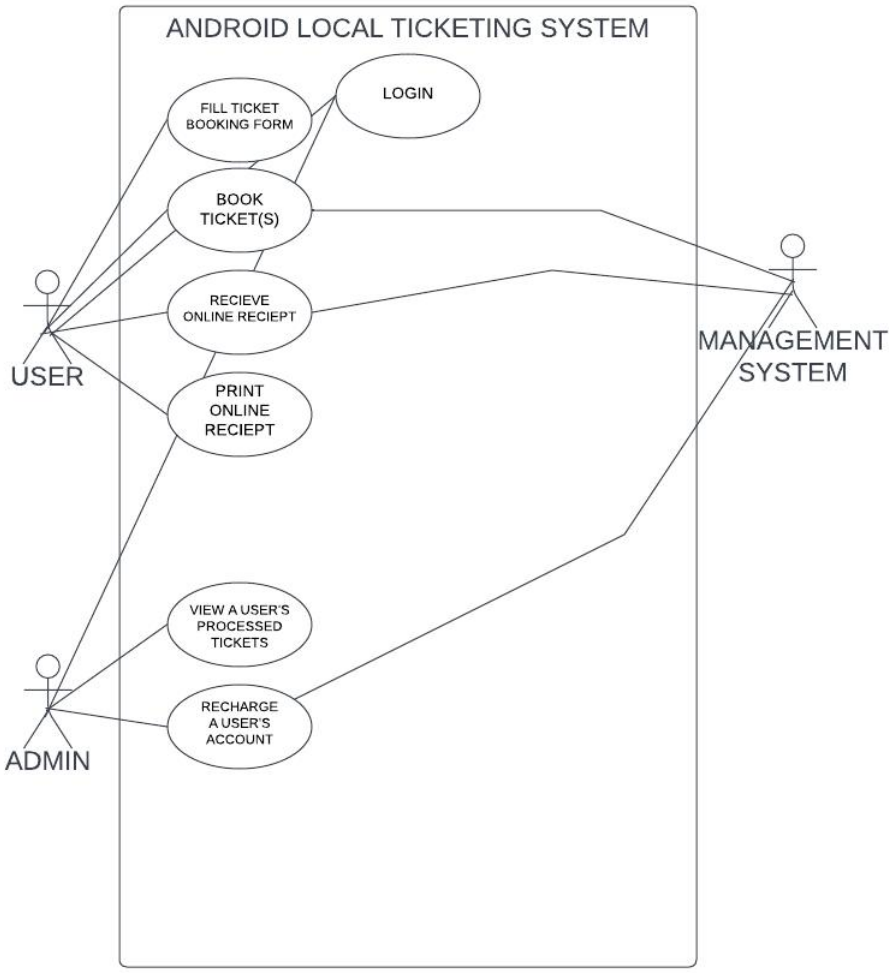
FINGERPRINT-BASED ATM CARD CLASS DIAGRAM



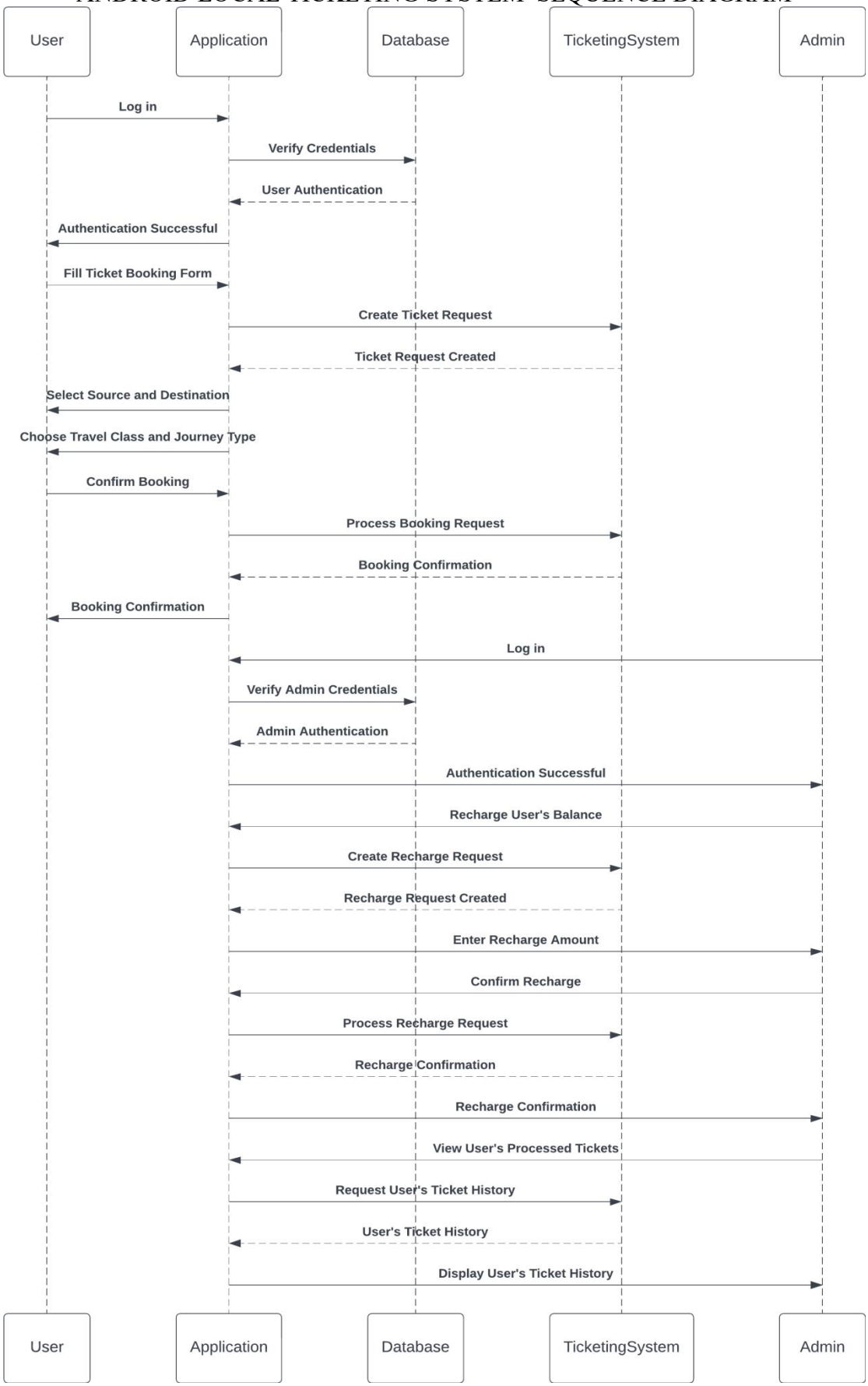
FINGERPRINT-BASED ATM CARD ENTITY RELATIONSHIP DIAGRAM



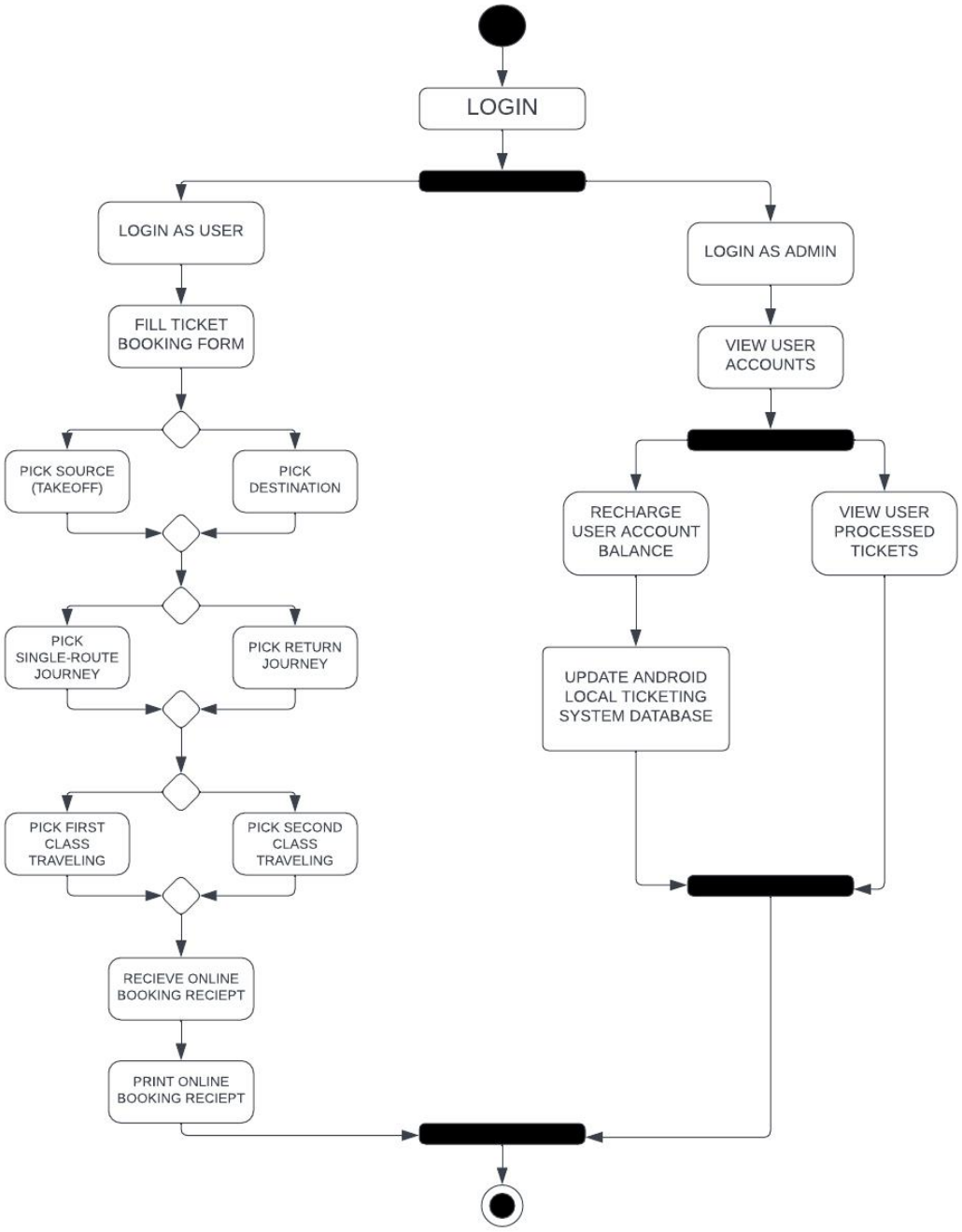
ANDROID LOCAL TICKETING SYSTEM USE-CASE DIAGRAM



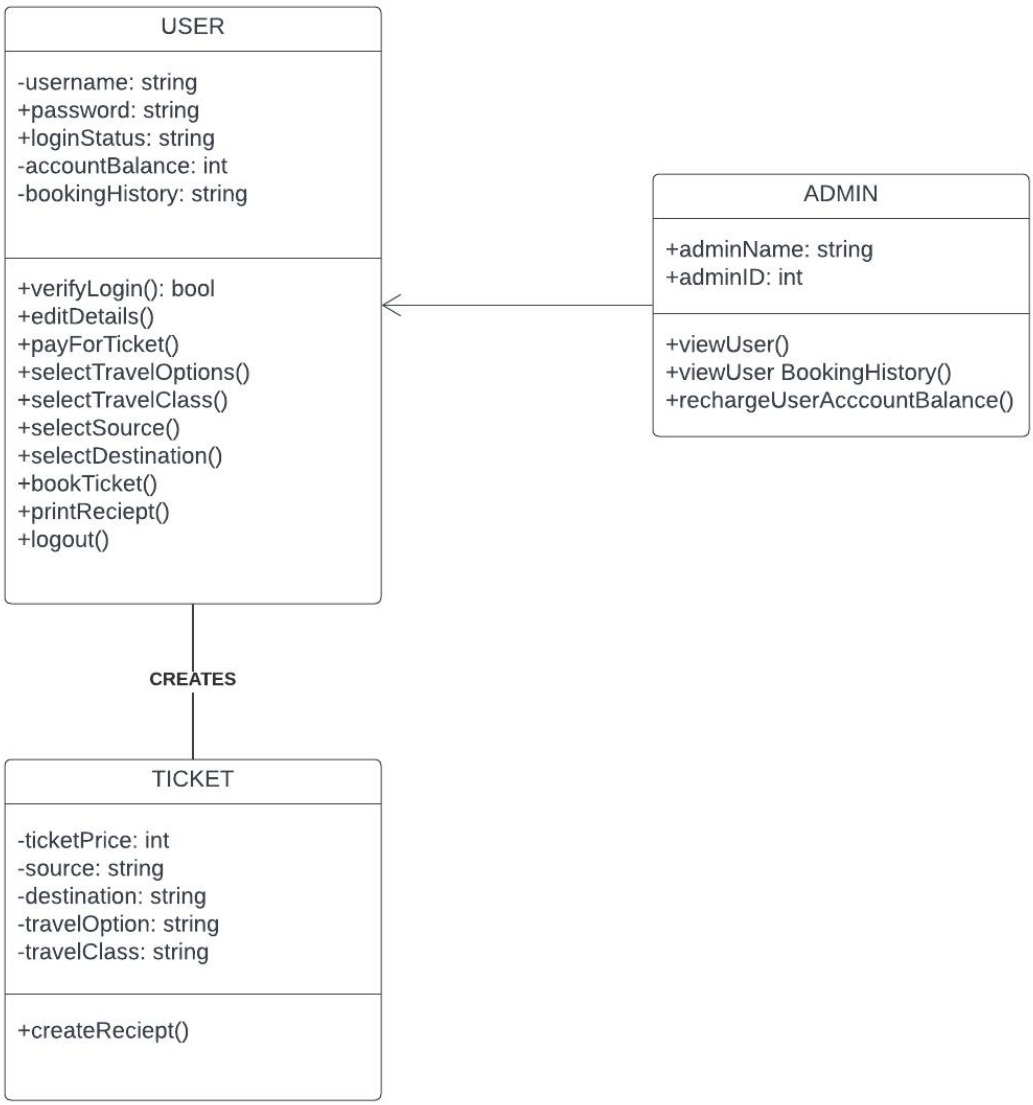
ANDROID LOCAL TICKETING SYSTEM SEQUENCE DIAGRAM



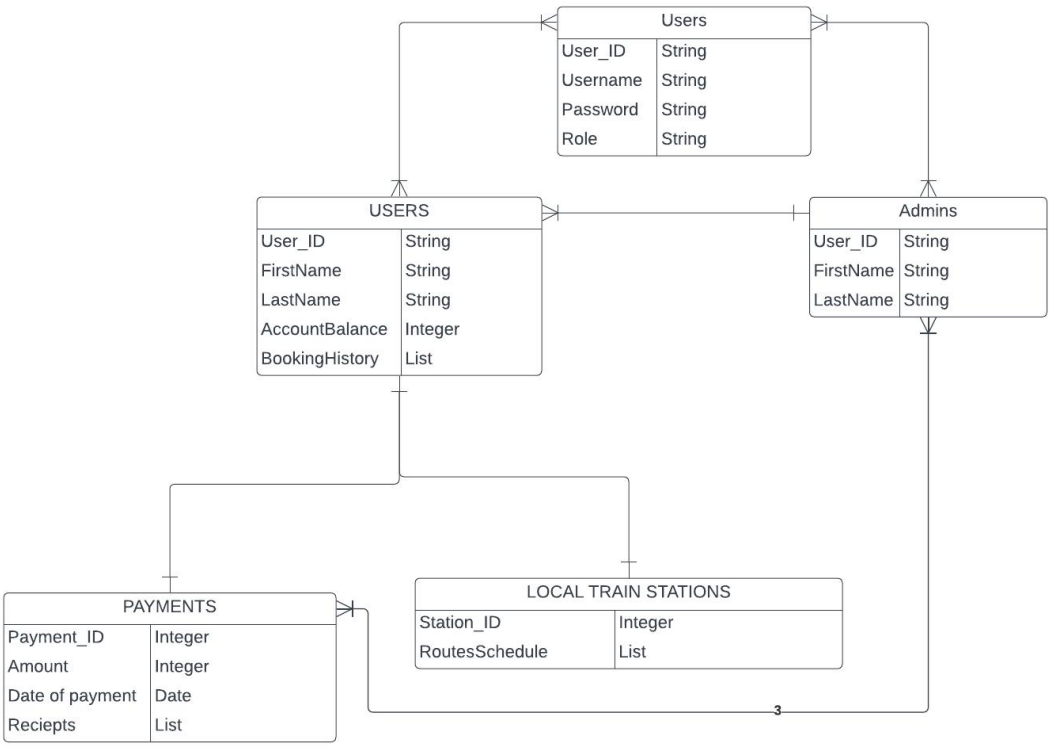
ANDROID LOCAL TICKETING SYSTEM ACTIVITY DIAGRAM



ANDROID LOCAL TICKETING SYSTEM CLASS DIAGRAM



ANDROID LOCAL TICKETING SYSTEM ENTITY RELATIONSHIP DIAGRAM



B) What is the purpose of system modeling?

System modeling is done to help system developers understand complex systems by breaking them down into parts and how they relate, lets us predict and analyze how systems behave in different situations, allows for designing and refining without making actual changes, serves as a clear way to communicate complex ideas to different people, spots problems and areas that need improvement, saves costs and reduces risks by letting us test scenarios before implementing them, aids decision-making by comparing different options and their effects, and supports ongoing improvement by providing a structured way to refine and upgrade systems based on new information and needs.