⑤ Passport Automation System

Applicant

applicant ID: String
name: String
dateof Birth: Date
nationality: String
ContactDetails: String
submitApplication()
update ContactDetails()
check ApplicationStatus()

Application

application ID: String
Submission Date: Date
status: String
feePaid: Boolean
processApplication()
updateStatus()
generateReceipt()

0..1

Authority

authority ID: String
name: String
designation: String
approveApplication()
rejectApplication()
verifyApplication()

Passport

passport ID: String
issue Date: Date
expiry Date: Date
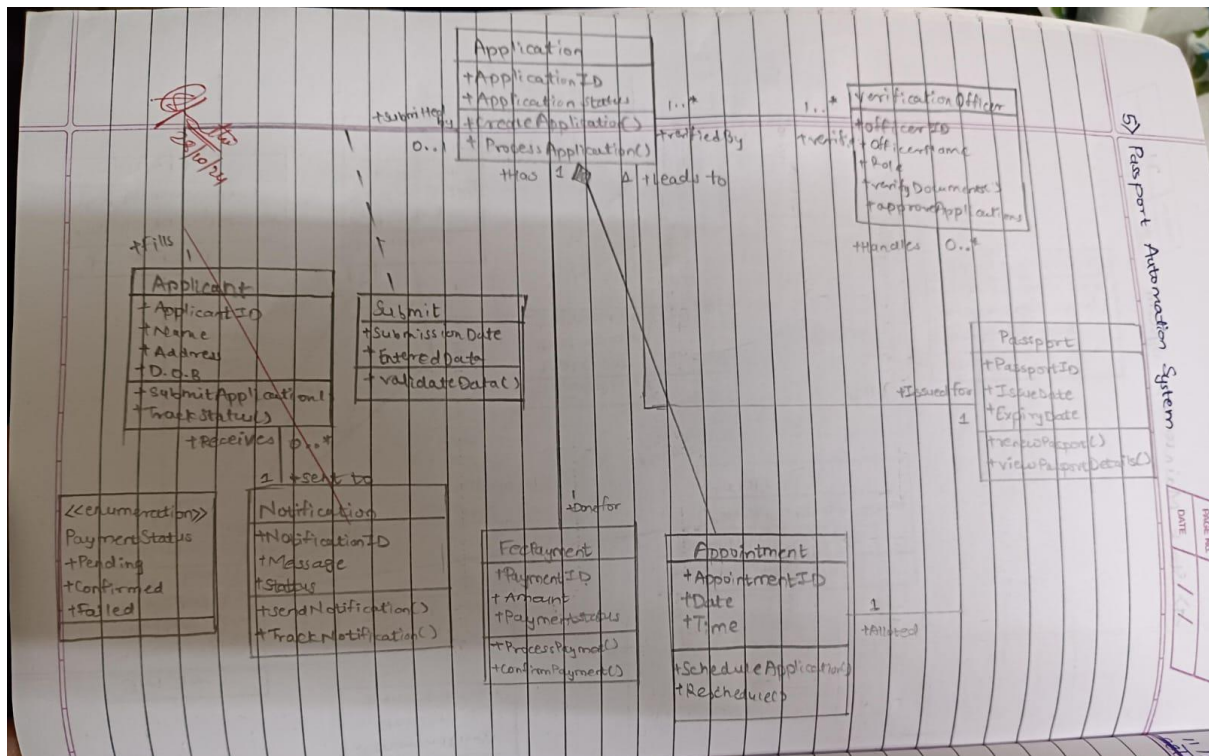type: String
renewPassport()
validate Passport()
getPassportDetails()
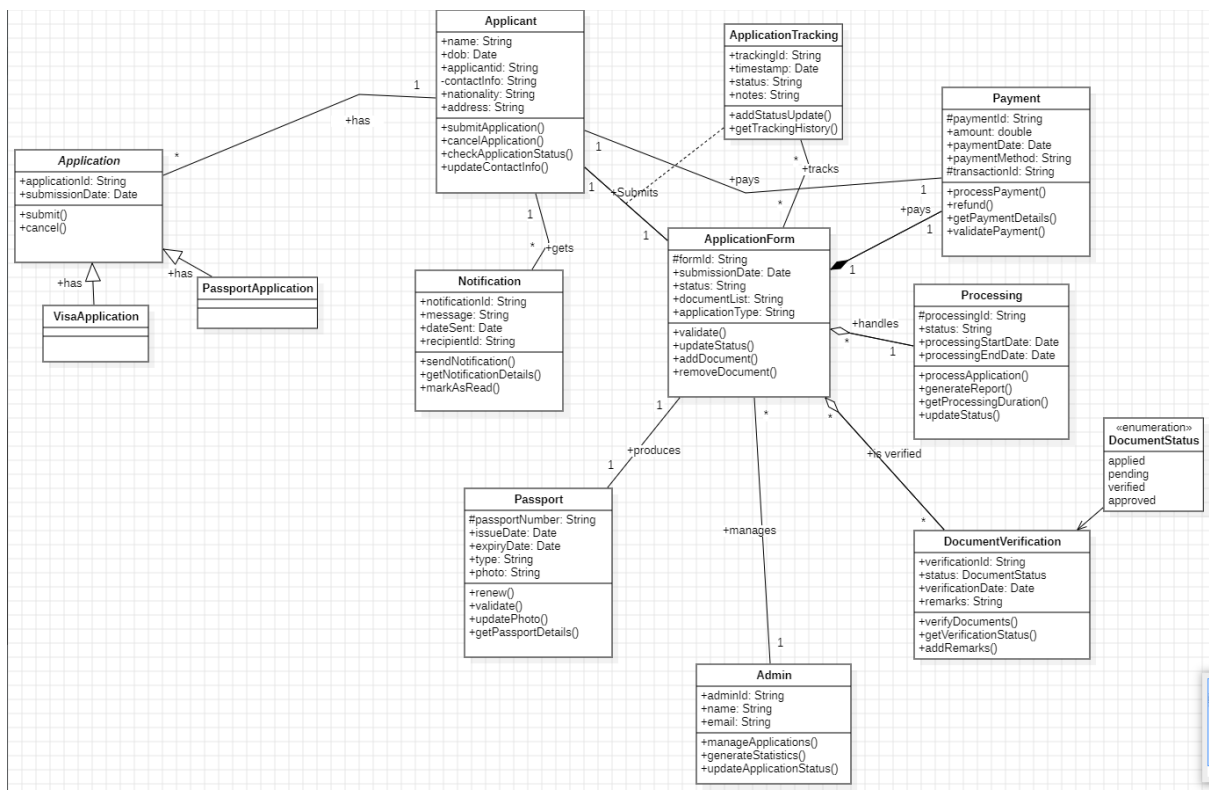
1..*

Figure 1: Simple Class Diagram

Figure 2: Advanced Class Diagram

Figure 3: Star UML Diagram