

# Passport Automation

## a. SRS Document:

### \* Passport Automation System:

#### 1. Introduction:

##### 1.1 Purpose of this Document:

The purpose of this document is to provide insights on passport automation system (PAS) its requirements, attributes & budget.

##### 1.2 Scope of the Document:

The document provides a comprehensive description of PAS. The development of this system is to make the process of passport application at some part of the process automated and make it more seamless and direct.

##### 1.3 Overview:

The passport automation system acts as a digital way of digitalizing & automates the process of applying for passport. The system is developed over a budget of ₹ 1cr and requires 1 year to be implemented. The system also

must ensure it is developed to the conventions of today's rules of passport application.

##### General Description:

Verification of document must happen & the issuance of the passport must take place once the details of the user has been successfully verified & validated.

##### Functional Requirements:

Process applications & generate unique application IDs.

The application submission with document uploads, status tracking, management.

##### Interface Requirements:

It must be able to upload & must be able to accept details of the user.

The issuance date must be shown real time.

##### Performance Requirements:

There are no response time limits and it must store data in 200 MB RAM.

##### Design Constraints:

It must use C# to code the details and must be able to retrieve status details in 60 seconds time.

#### 2. Non-functional Attributes:

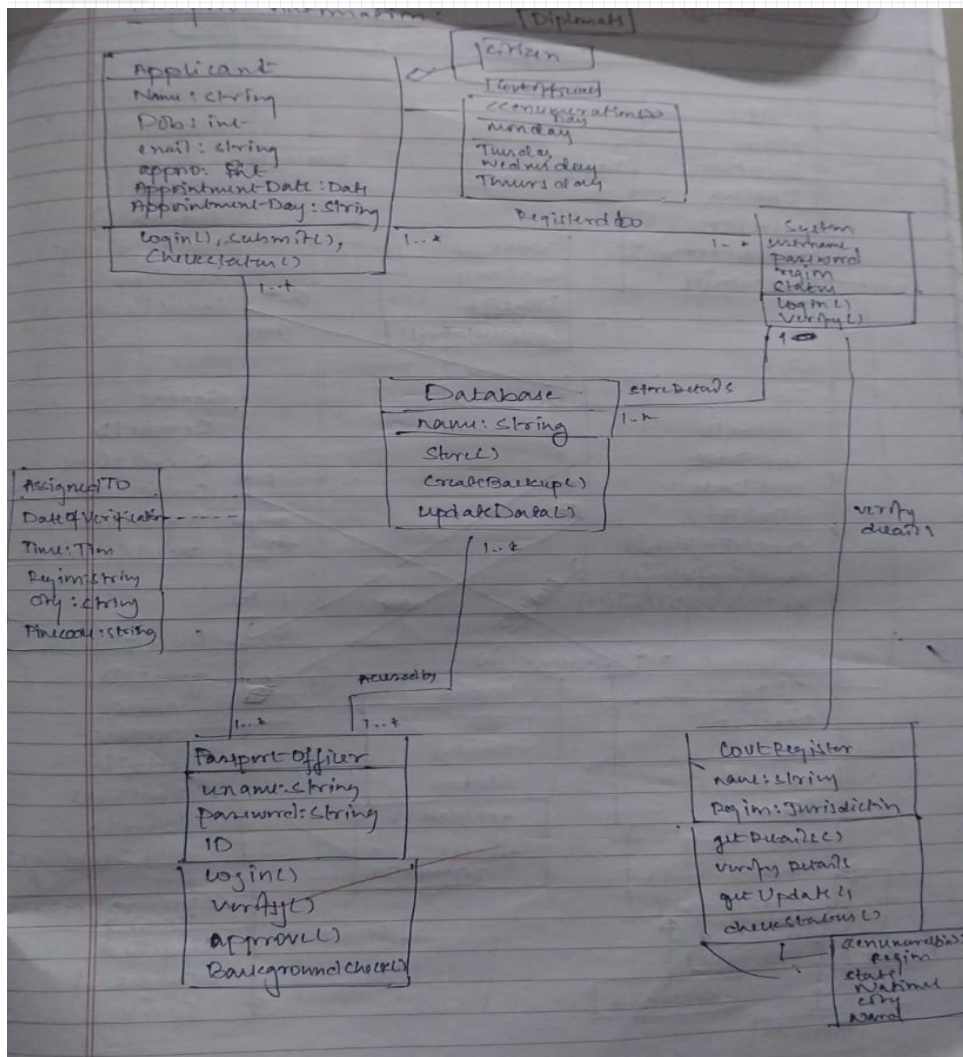
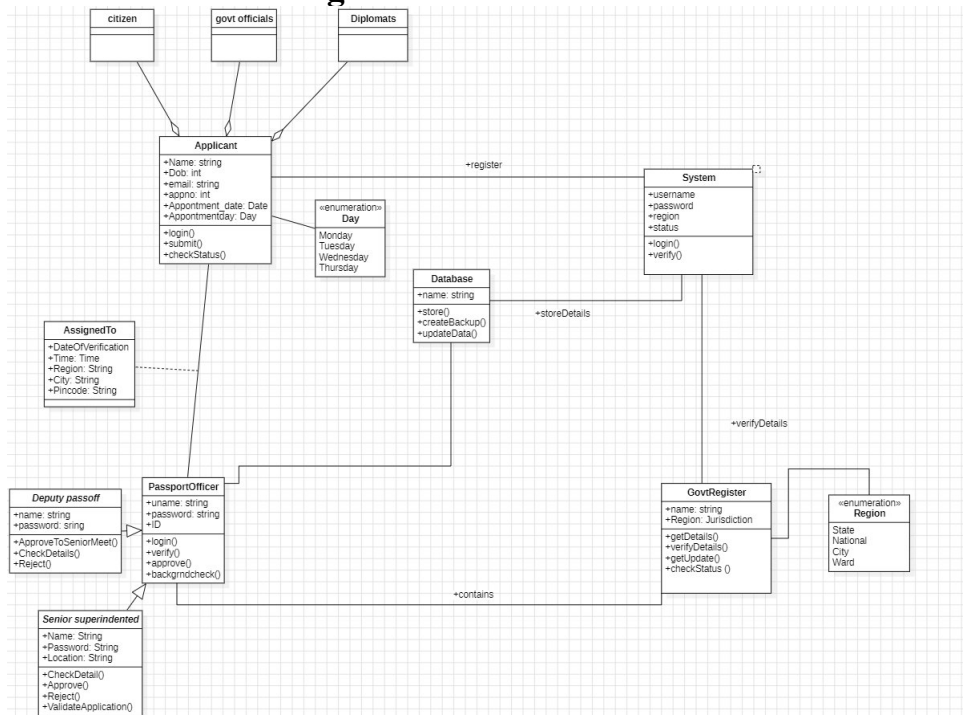
It must have RSA 4096 encryption to safeguard employee details & must be using rigorous encryption for the data.

#### 3. Preliminary schedule & Budget:

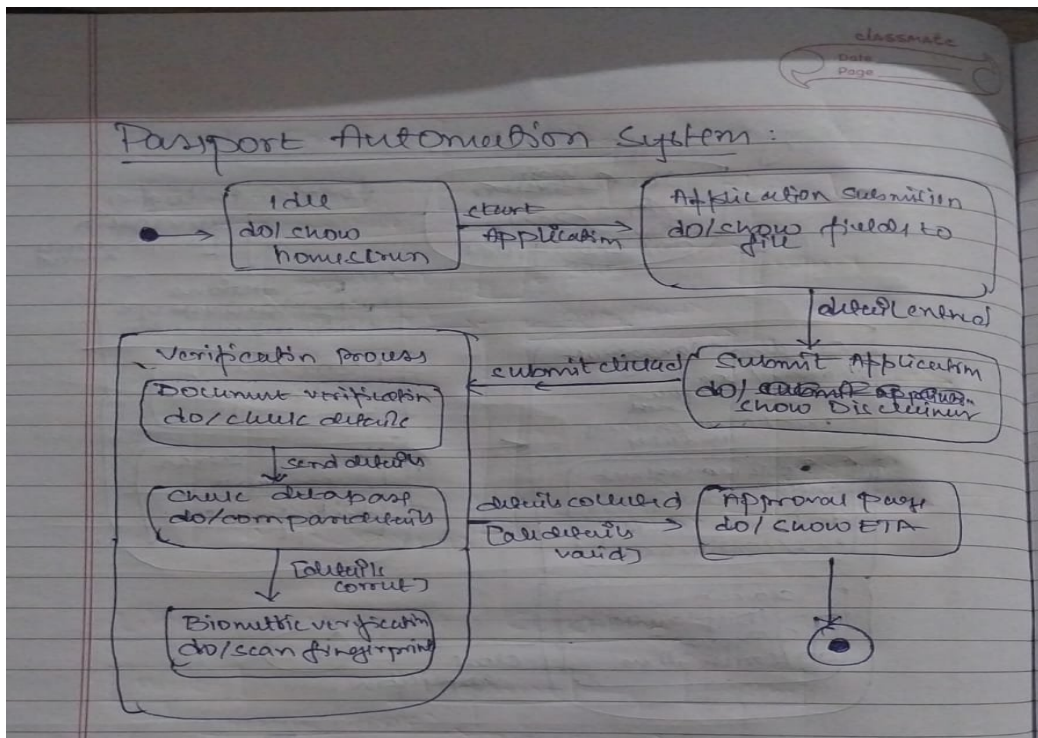
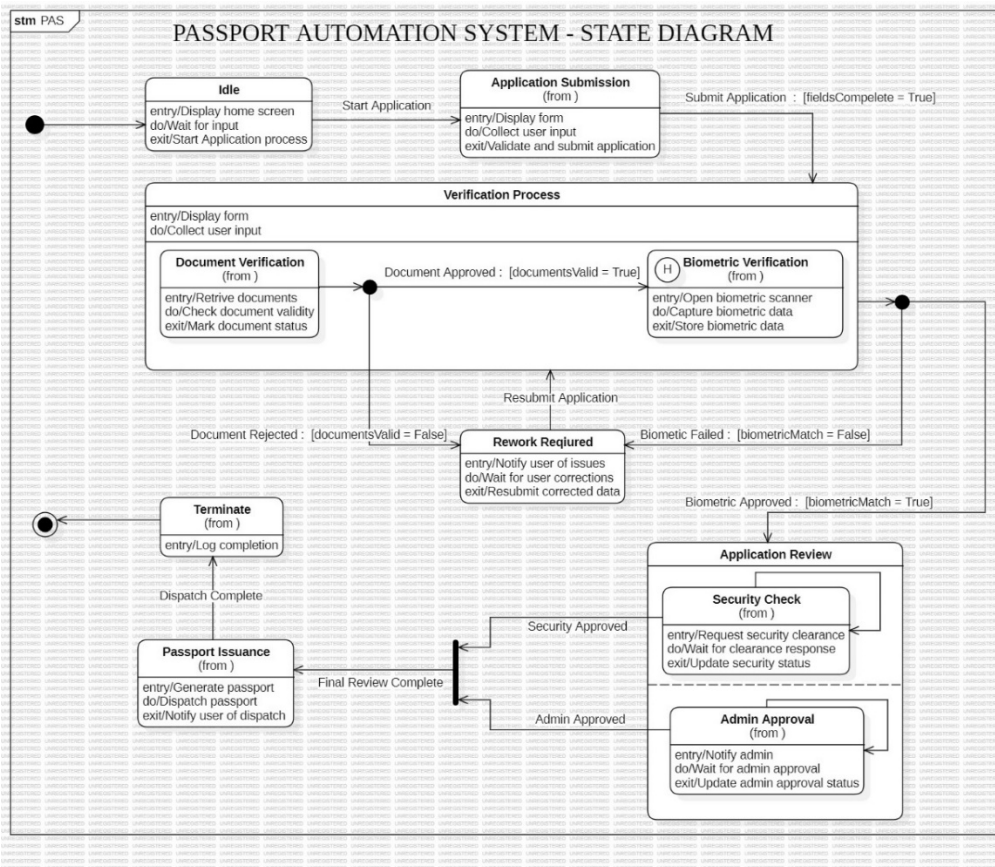
The project must be completed in 9 months & a total of ₹ 1cr is assigned to it.

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## b. Advanced Class Diagram:

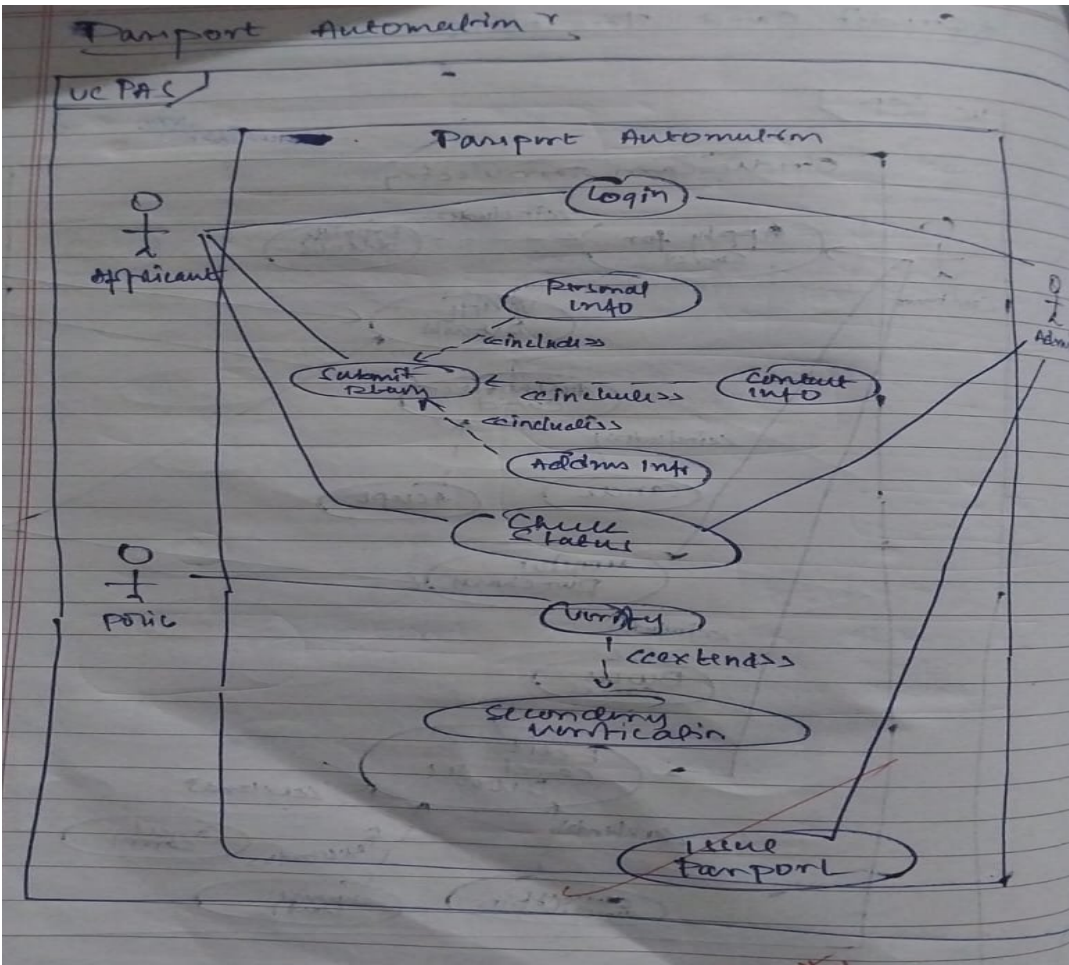
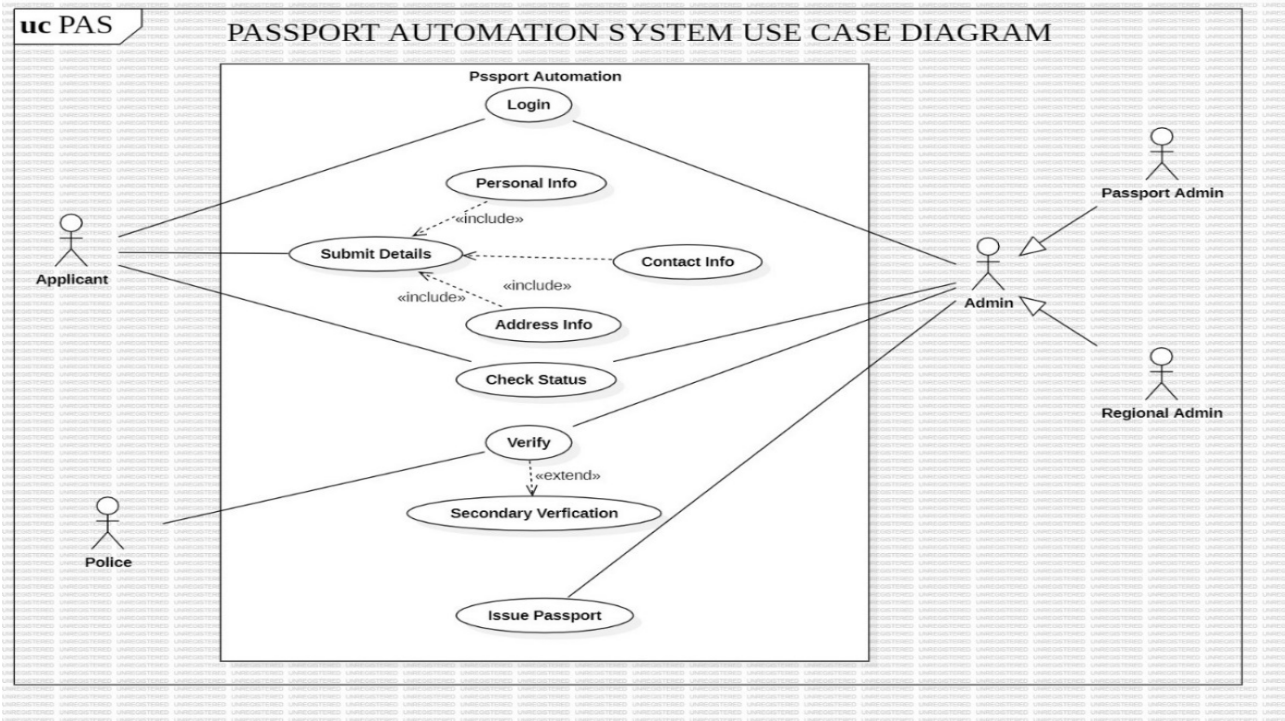


### c. Advanced State Diagram:

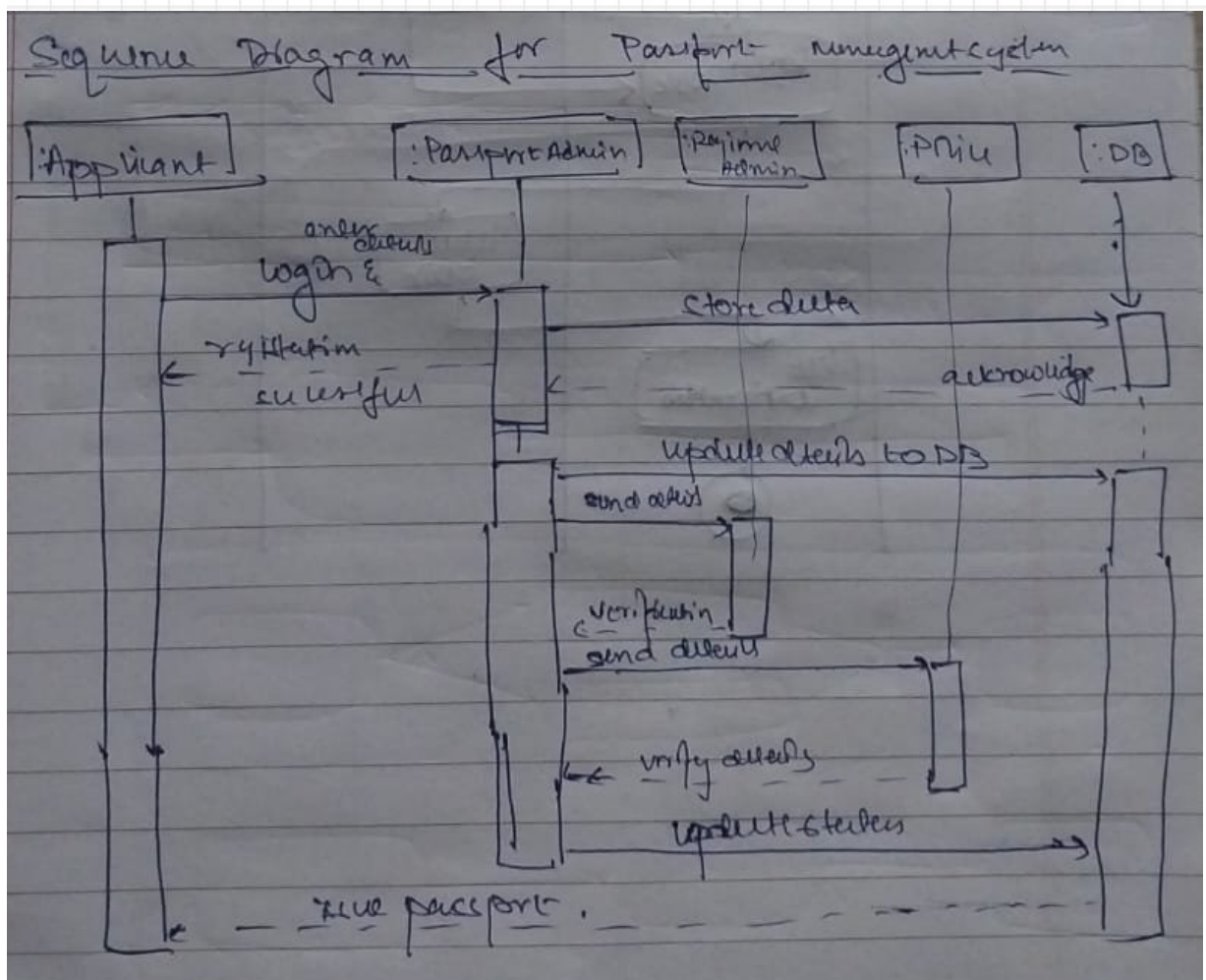
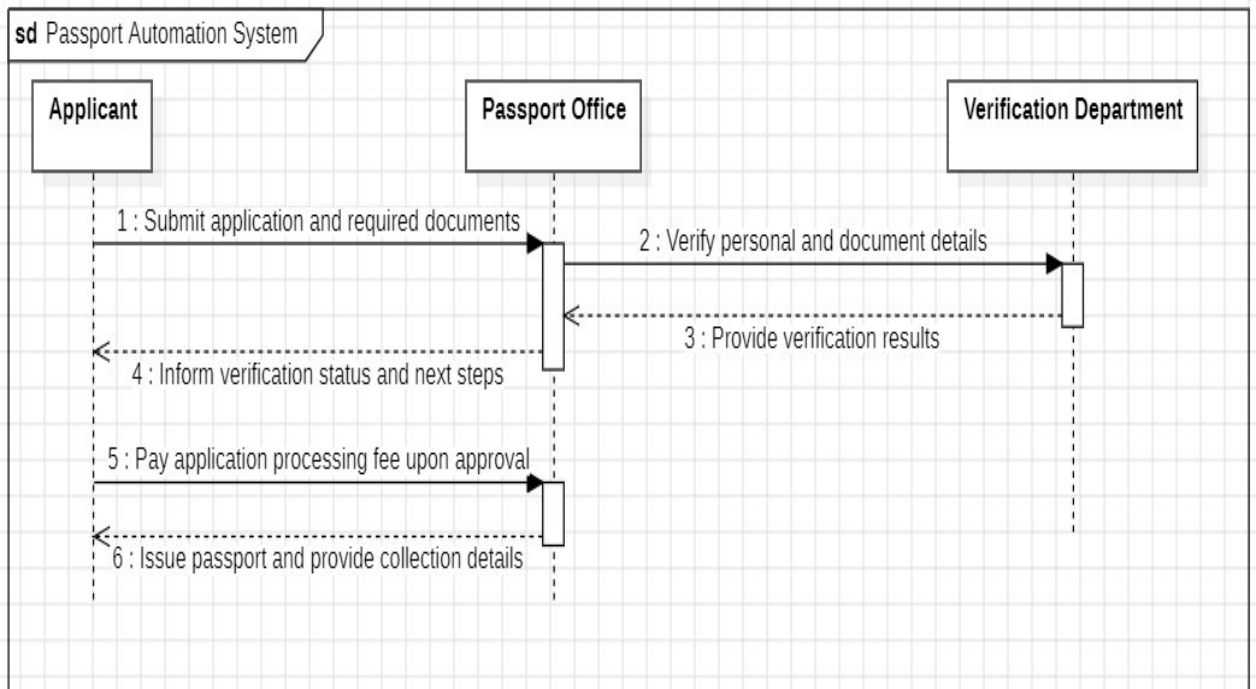




## d. Use Case Diagram:



### e. Sequence Diagram:



## f. Activity Diagram:

