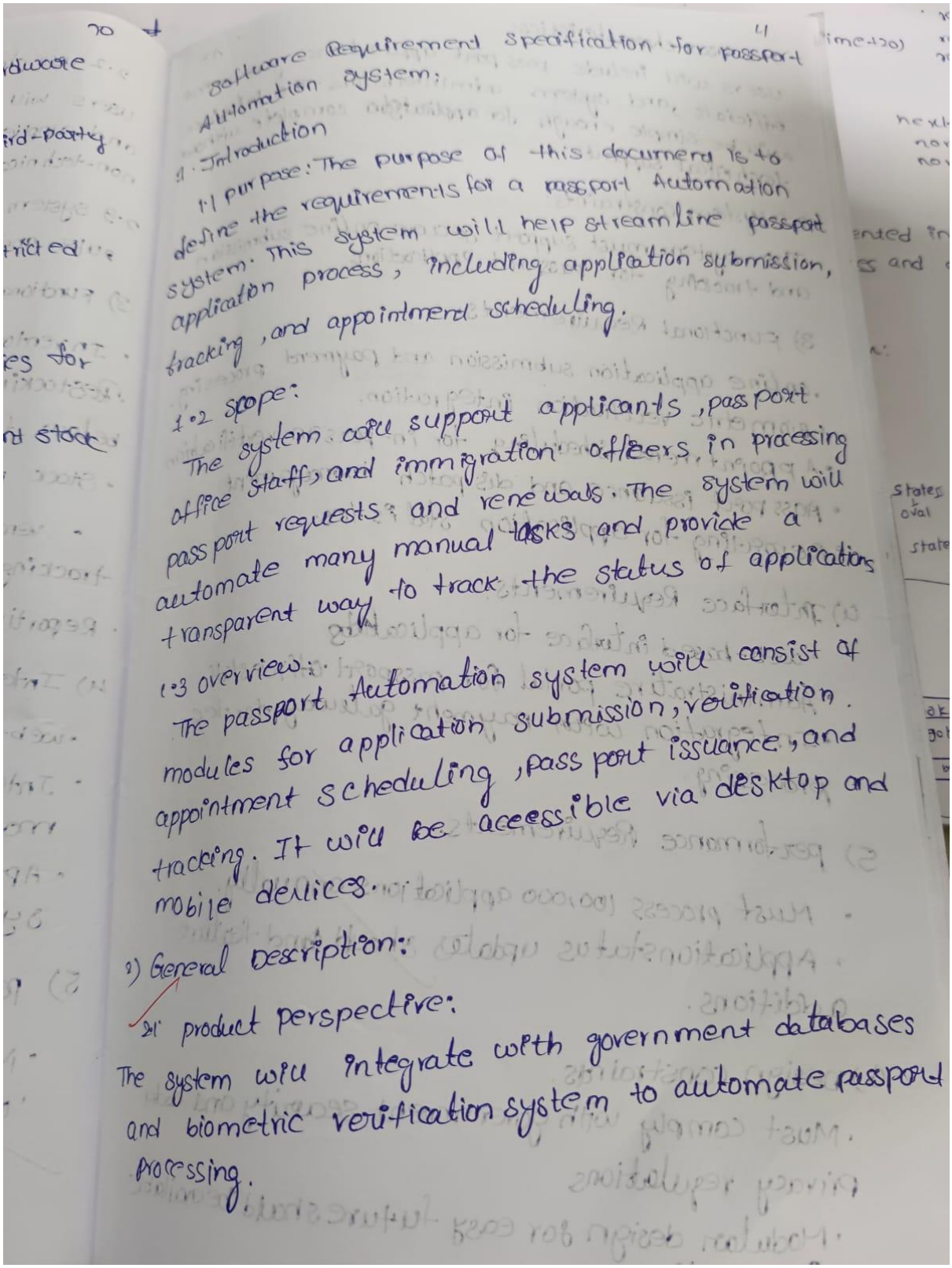
5.PASSPORT AUTOMATION SYSTEM:

GENERATING SRS DOCUMENT:



Software Requirement Specification for passport Automation system:

1. Introduction

1.1 purpose: The purpose of this document is to define the requirements for a passport Automation system. This system will help streamline passport application process, including application submission, tracking, and appointment scheduling.

1.2 Scope:

The system can support applicants, passport office staff, and immigration officers in processing passport requests and renewals. The system will automate many manual tasks and provide a transparent way to track the status of applications

1.3 overview:

The passport Automation system will consist of modules for application submission, verification, appointment scheduling, passport issuance, and tracking. It will be accessible via desktop and mobile devices.

2) General description:

2.1 product perspective:

The system will integrate with government databases and biometric verification system to automate passport processing.

2.2 User characteristics:
Users will include passport applications, government officials, and system administrators. The interface will be simple enough for applicants to complete with minimal technical support.

2.3 System constraints:
The system must support secure online submission and tracking for passport applications

3) Functional Requirements:
- online application submission and payment processing.
- Biometric verification integration.
- Appointment scheduling for in-person verification
- passport issuance and dispatch management.
- Reporting for application statistics.

4) Interface Requirements:
- web-based interface for applicants
- Administrative portal for passport office staff.
- Integration with payment gateways for fee processing.

5) performance Requirements.
- Must process 100,000 applications annually.
- Application status updates should send feature additions.

6) Design constraints.
- Must comply with government security and data Privacy regulations
- Modular design for easy future should be available in real time

7) Non-Functi
- security
- scalability
- Realibili

8) Retimi
- Develo
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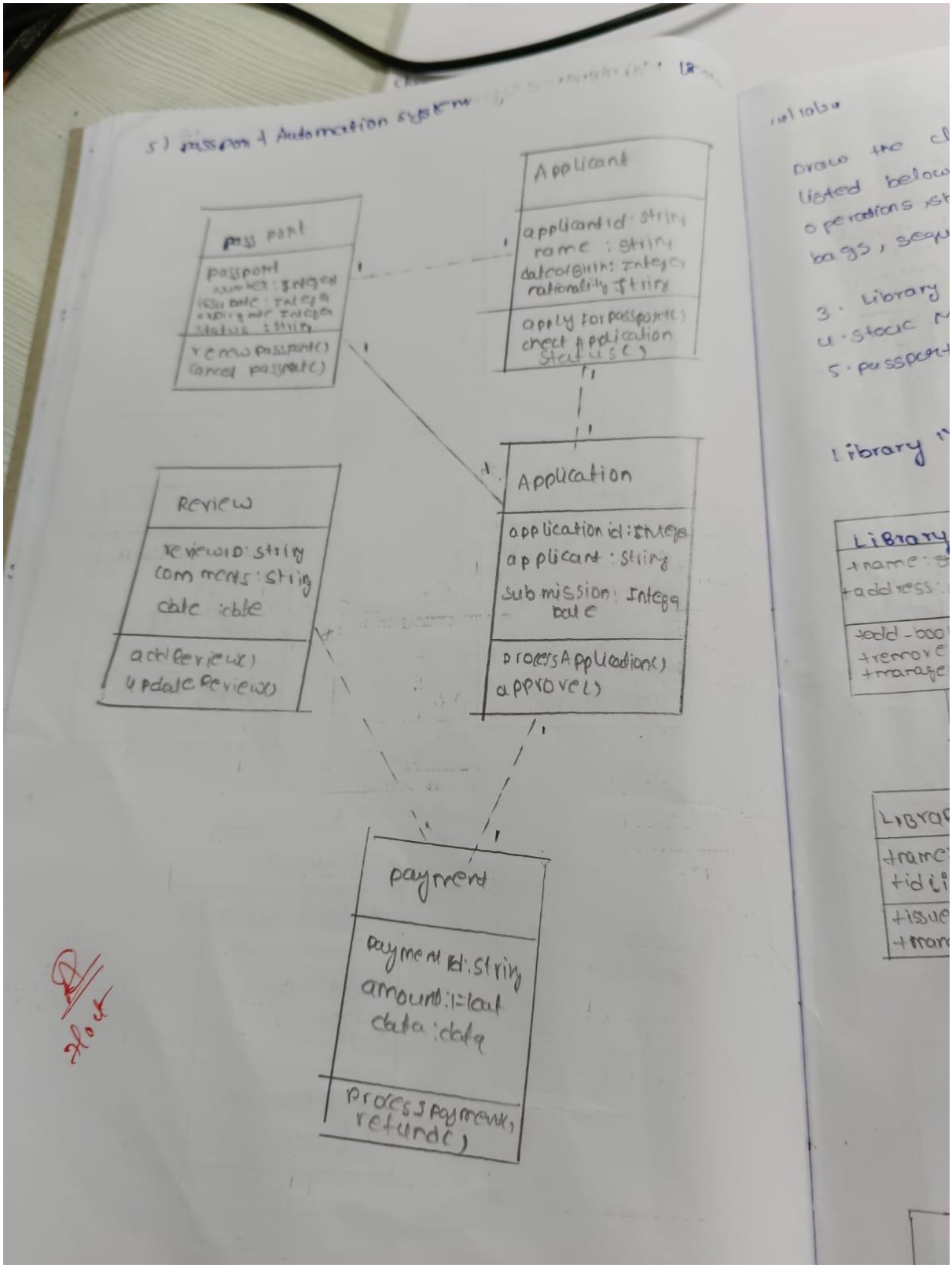
7) Non-Functional Attributes

- security: End to End encryption for sensitive data
- scalability: scalable across multiple regional passport offices.
- Reliability: 99.99% uptime for continuous operation.

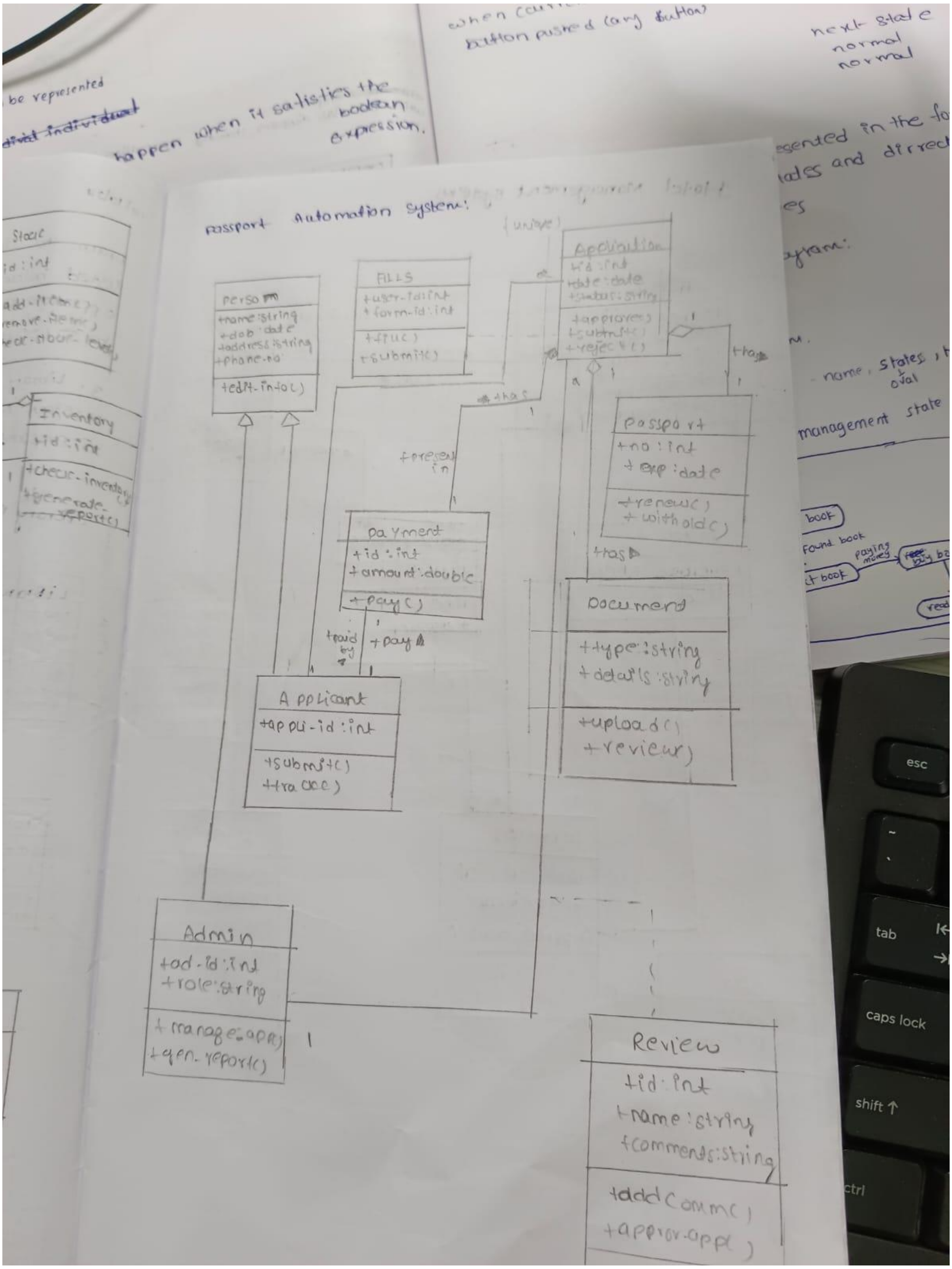
8) Preliminary schedule and Budget.

- Development Timeline: 8 months.
- Estimated Budget: $200,000.

CLASS DIAGRAM :



CLASS DIAGRAM STAR UML: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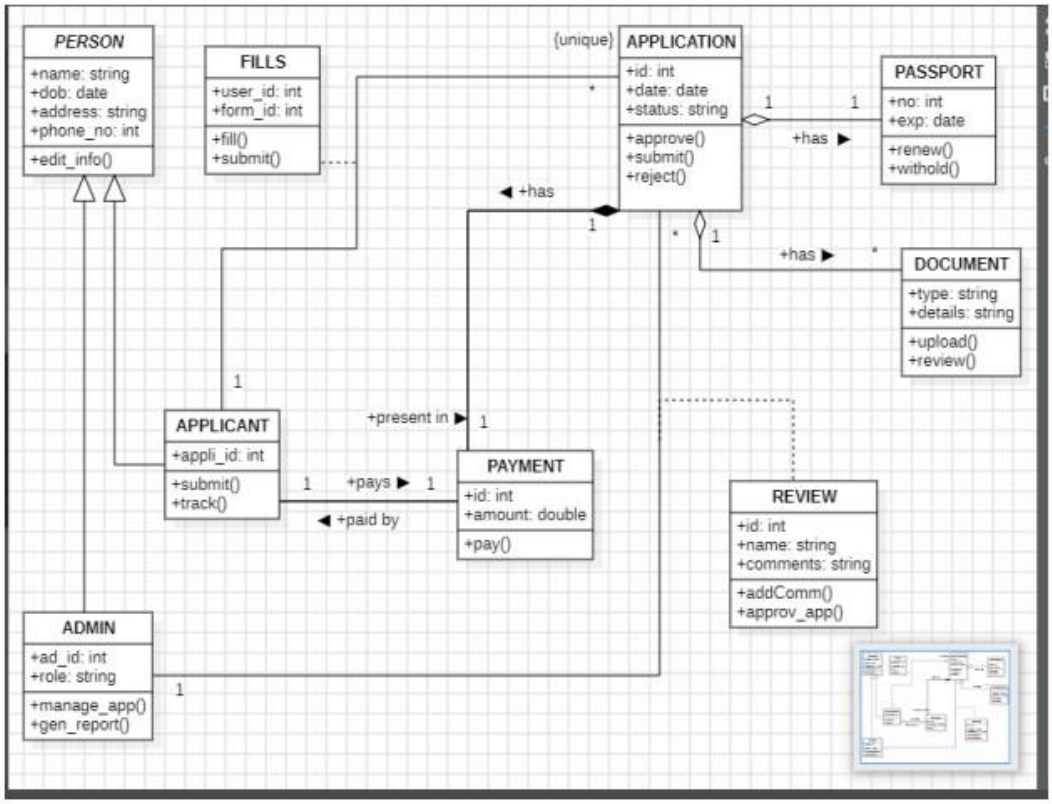
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