**AUTOMATIC E-CERTIFICATE GENERATION BOT**

**A PROJECT REPORT**

***Submitted by***

# K.S.JAYASURIYAA (220701332)

***in partial fulfillment for the course***

## OAI1903 - INTRODUCTION TO ROBOTIC PROCESS AUTOMATION

***for the degree of***

# BACHELOR OF ENGINEERING

**in**

**COMPUTER SCIENCE AND ENGINEERING**

# RAJALAKSHMI ENGINEERING COLLEGE RAJALAKSHMI NAGAR THANDALAM CHENNAI – 602 105

**NOVEMBER 2024**

**RAJALAKSHMI ENGINEERING COLLEGE**

**CHENNAI - 602105**

# BONAFIDE CERTIFICATE

Certified that this project report **“Automatic E-Certificate Generation Bot”** is the bonafide work of **“K.S.JAYASURIYAA (220701332)”** who carried out the project work for the subject OAI1903- Introduction to Robotic Process Automation under my supervision.

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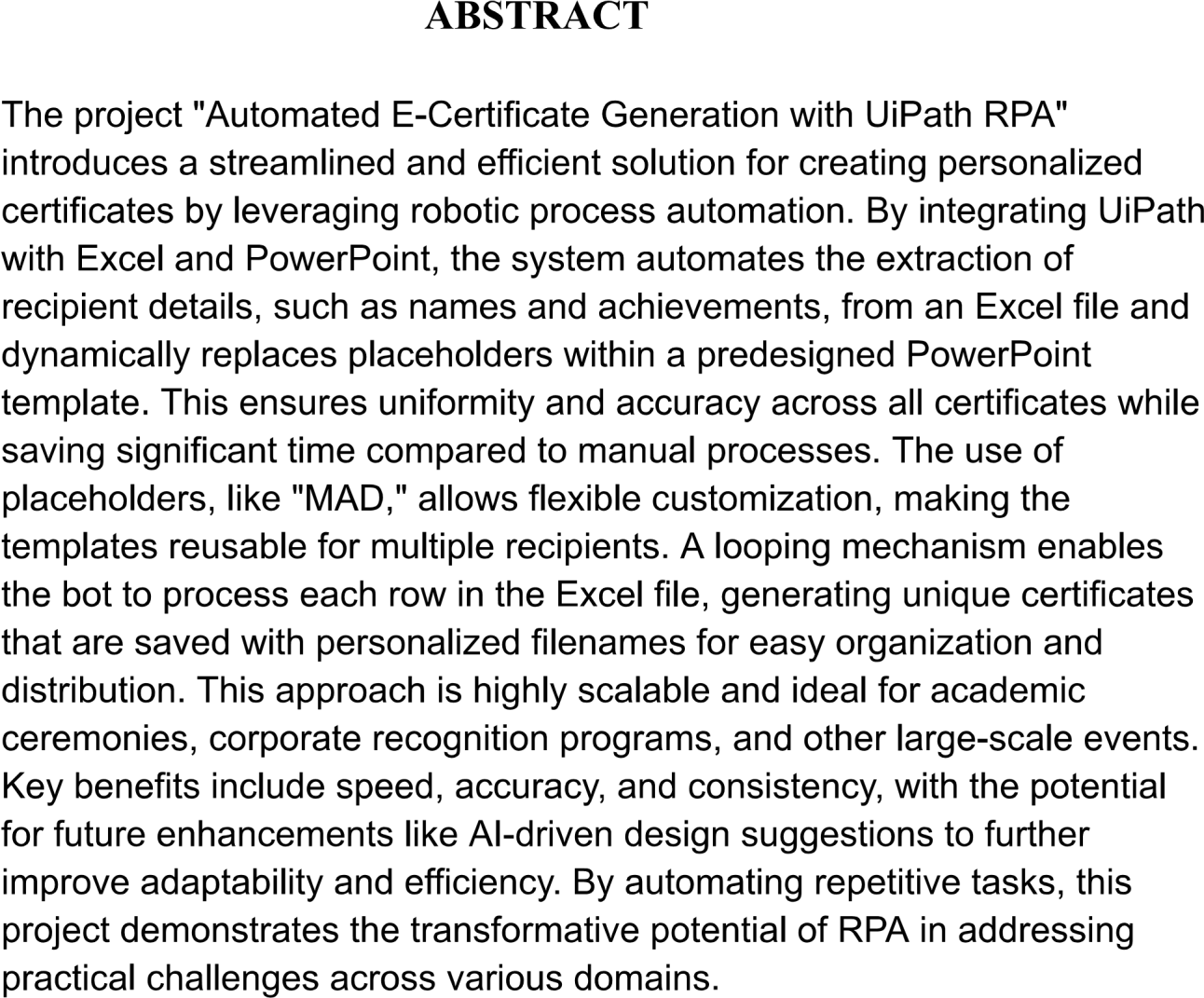
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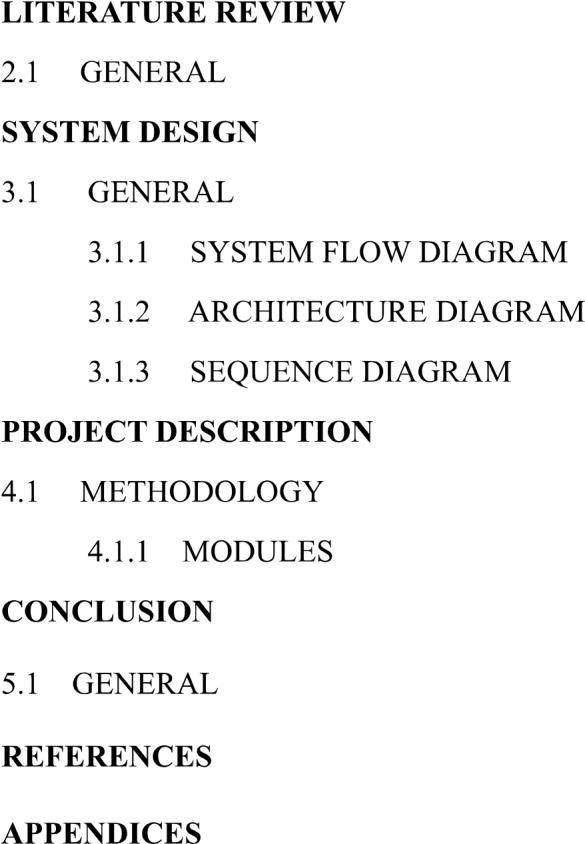
**N.DuraiMurugan, M.E., Ph.D.,** Associate Professor, and **Mr.**

**B.Bhuvaneswaran, M.E.,** Assistant Professor (SG), Department of Computer

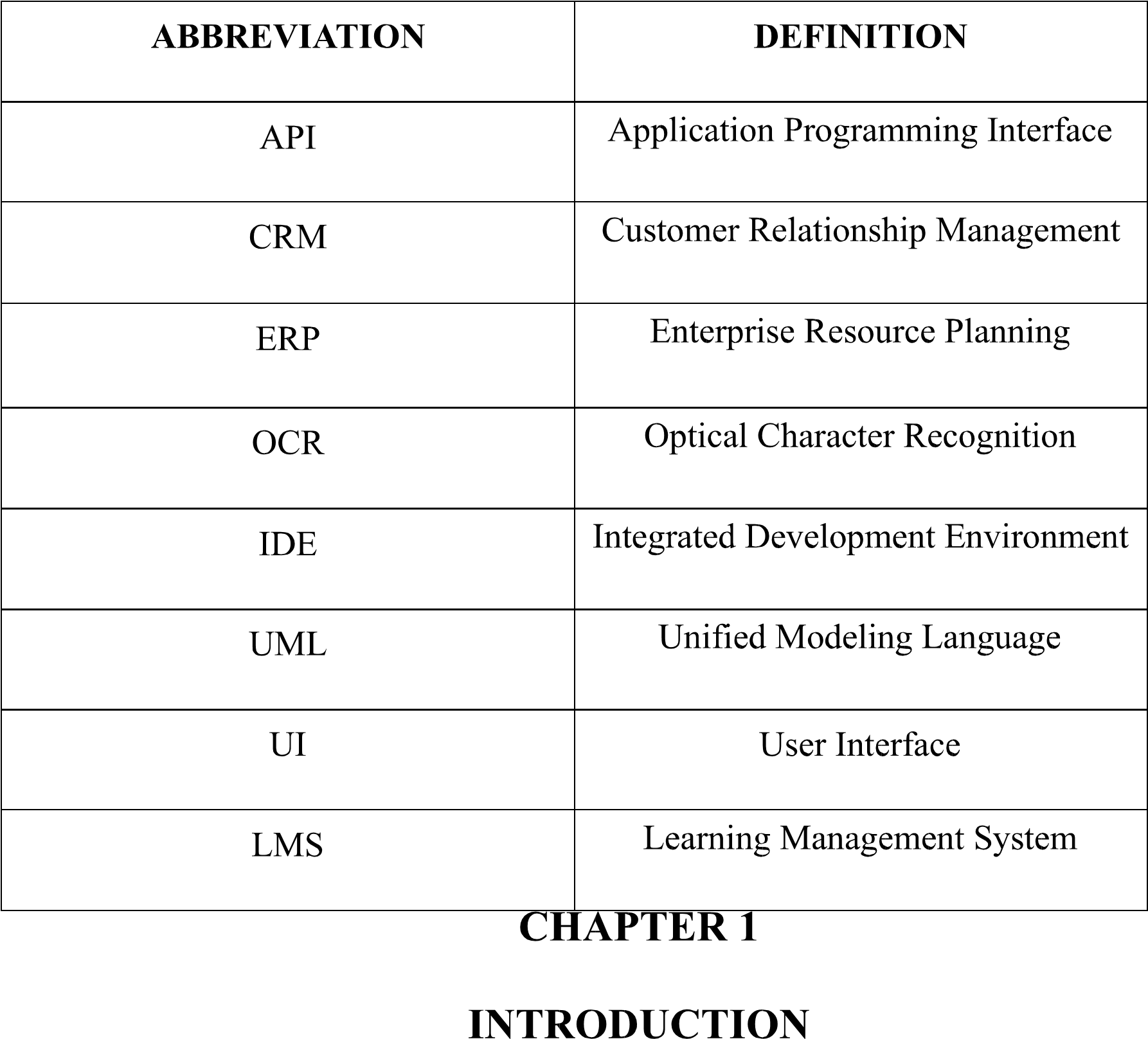
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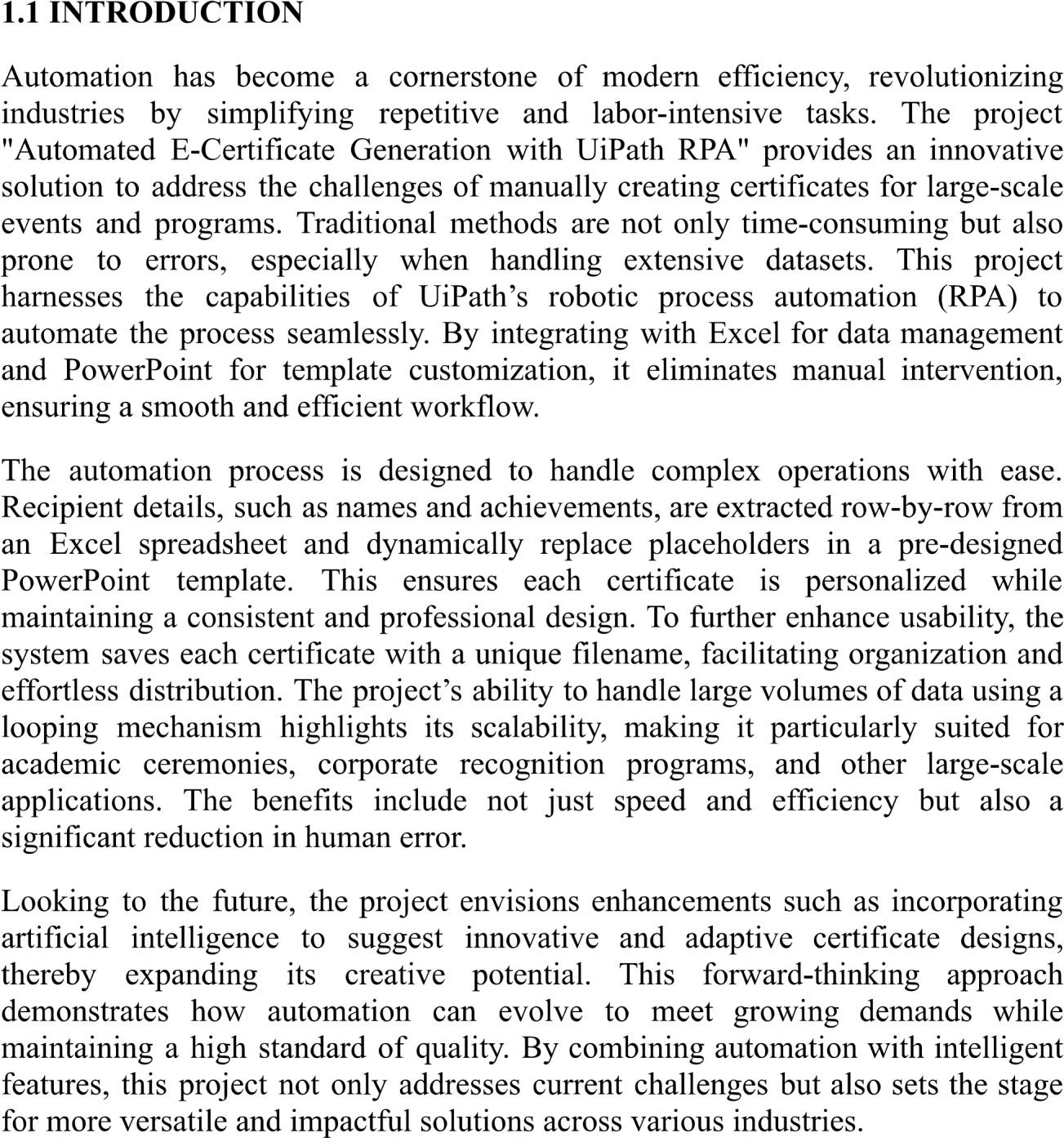
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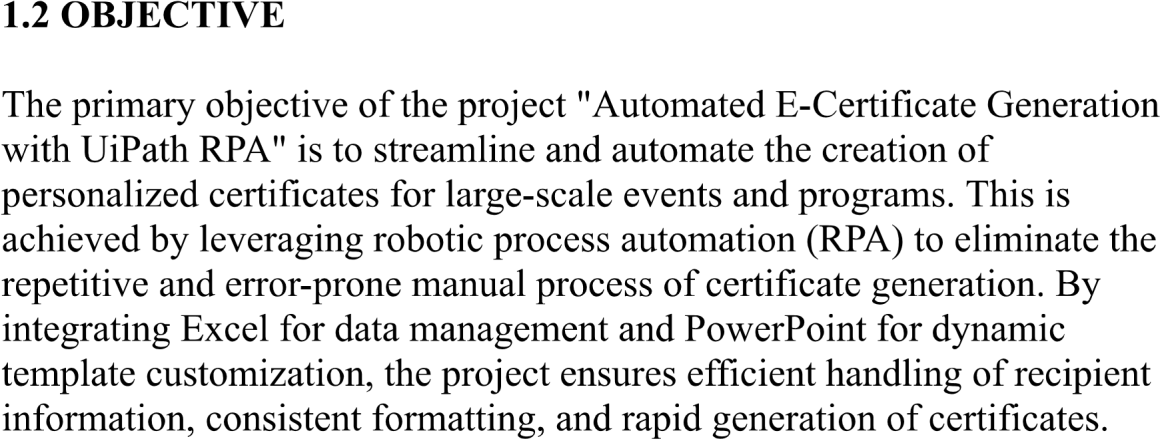
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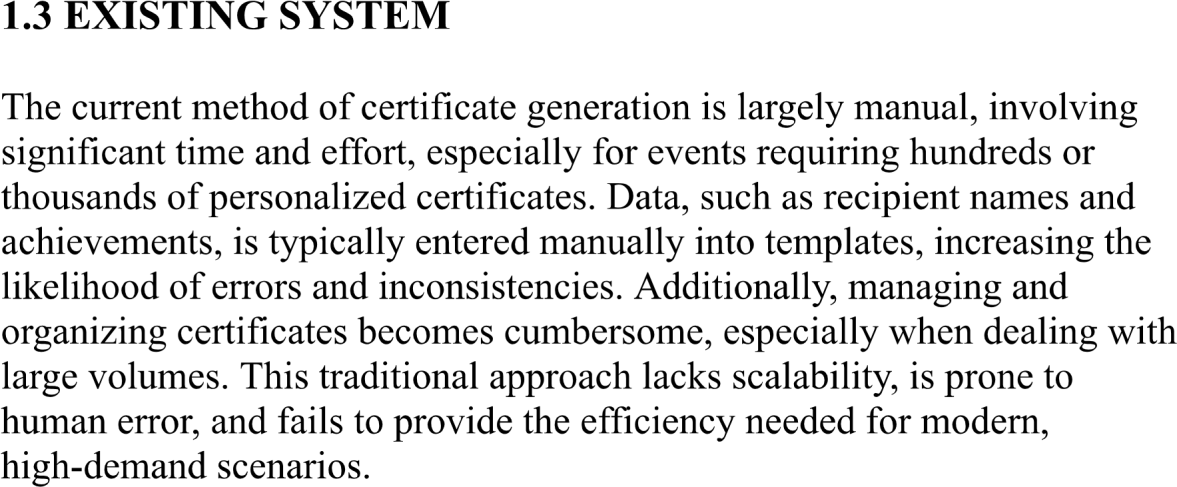


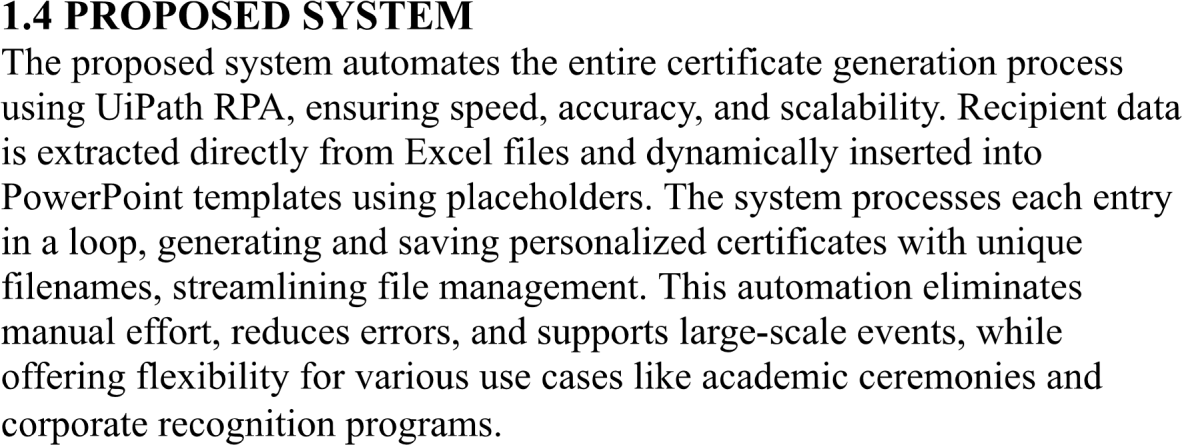
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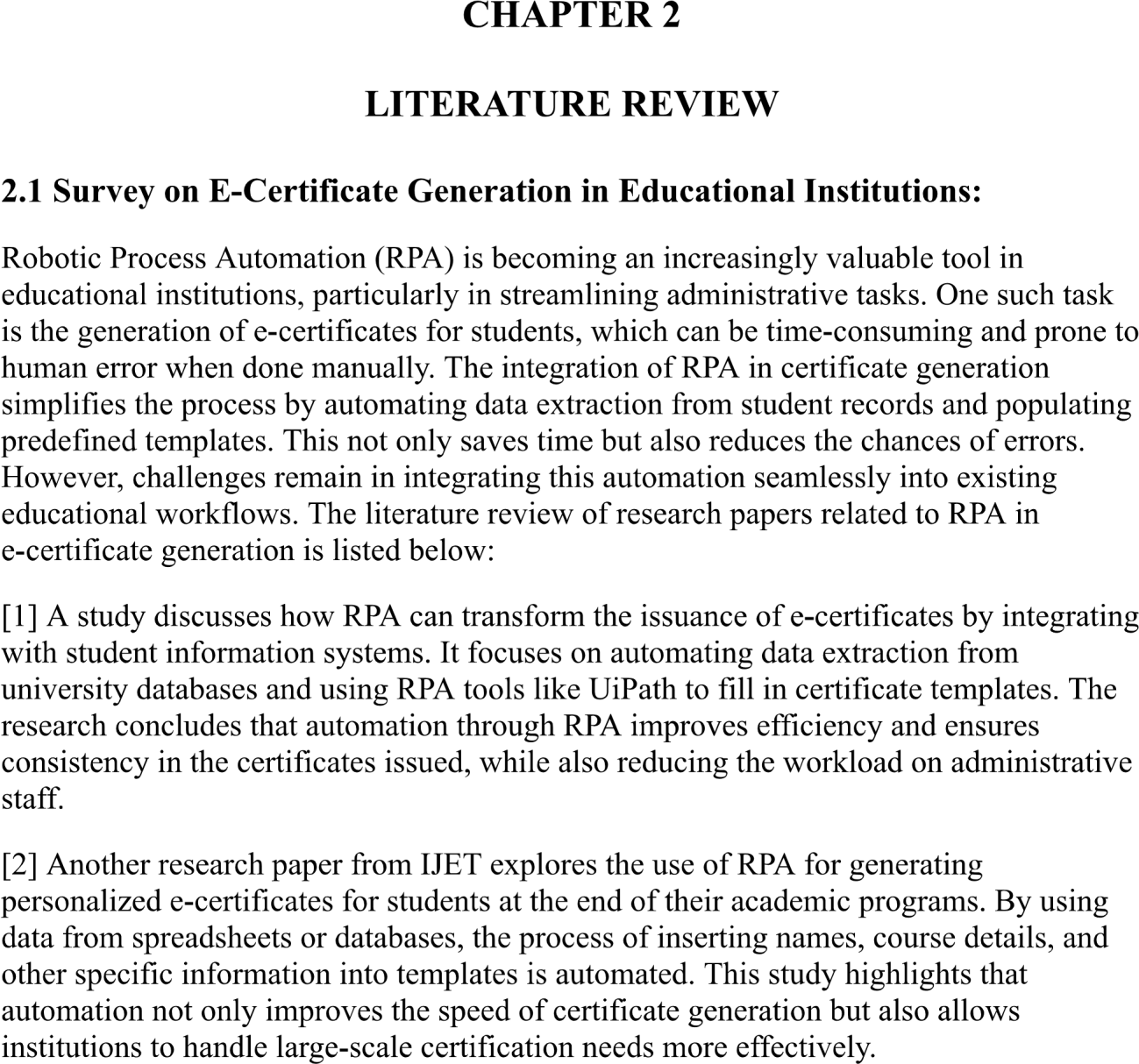


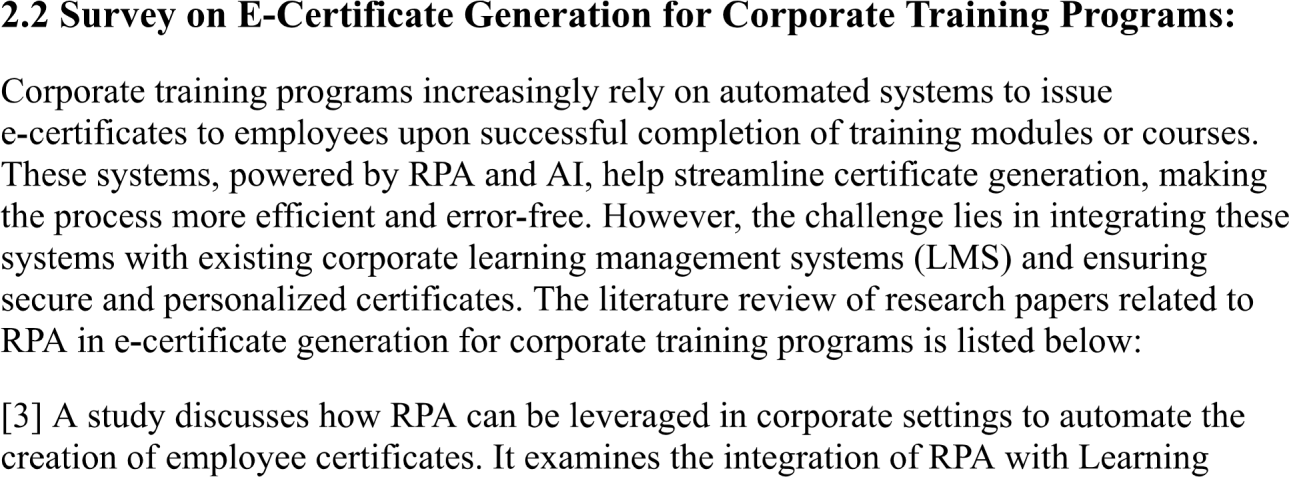


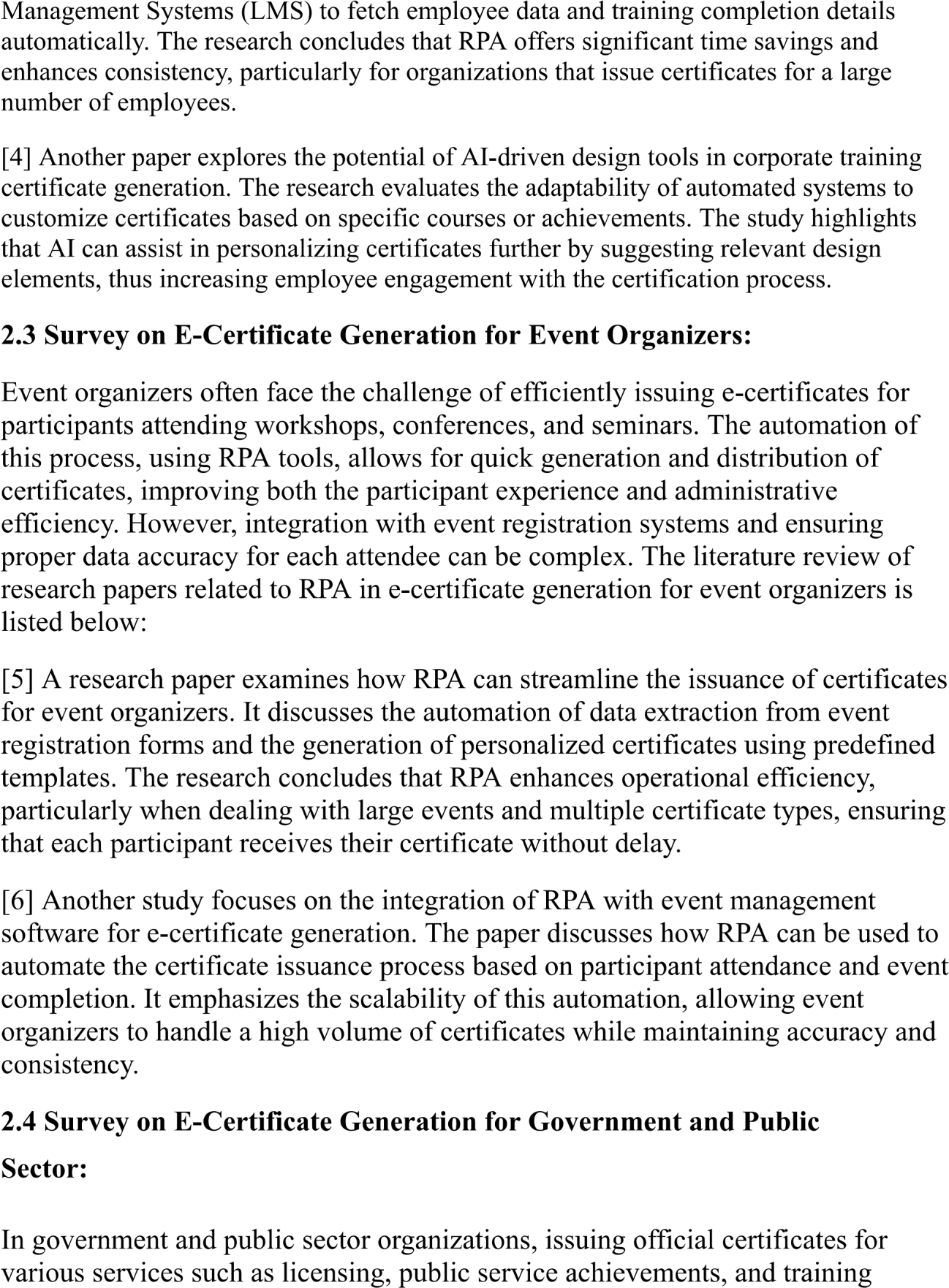


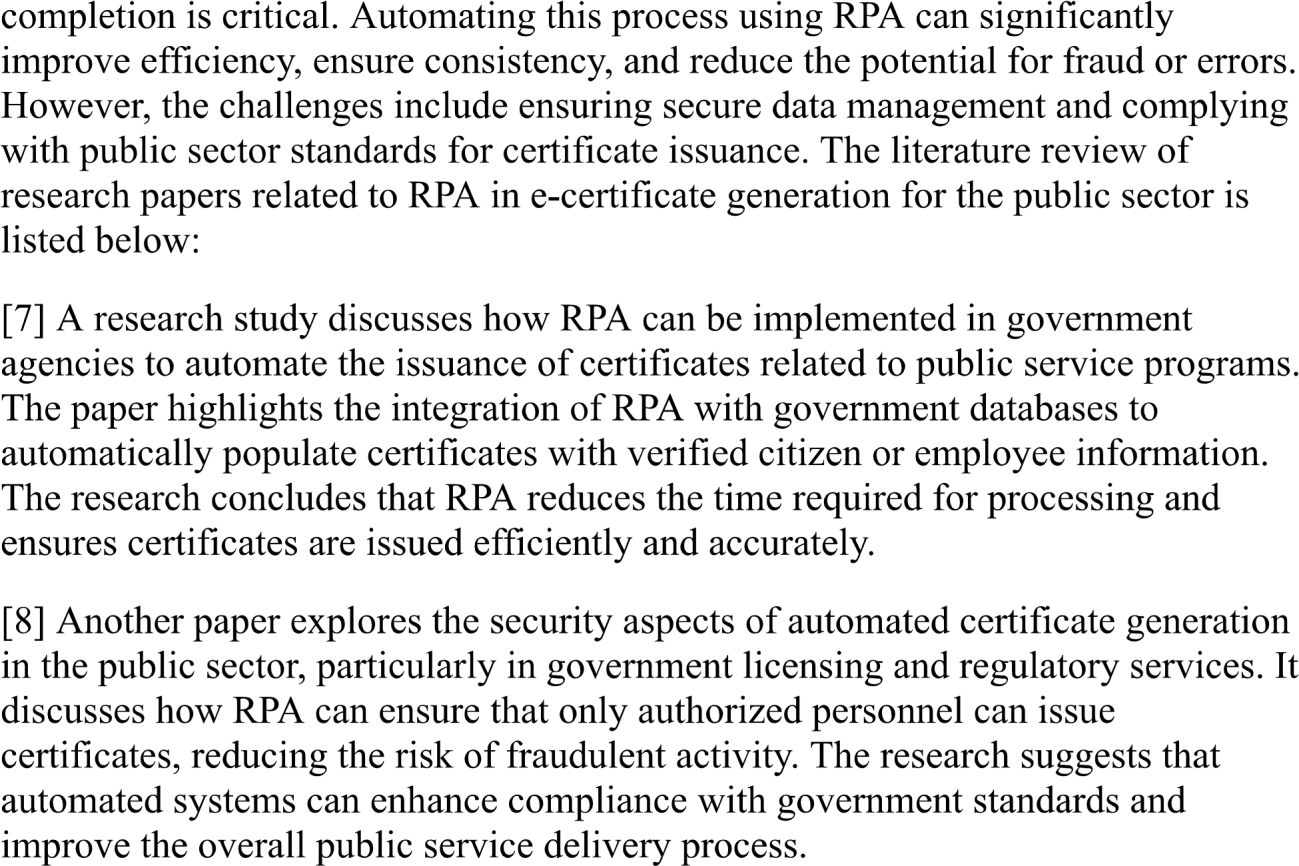












**CHAPTER 3**

**SYSTEM DESIGN**

#### 3.1 SYSTEM FLOW DIAGRAM

A flowchart is a type of diagram that represents an algorithm, workflow or process. The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows. This diagrammatic representation illustrates a solution model to a given problem. The system flow diagram for this project is in Fig. 3.1.

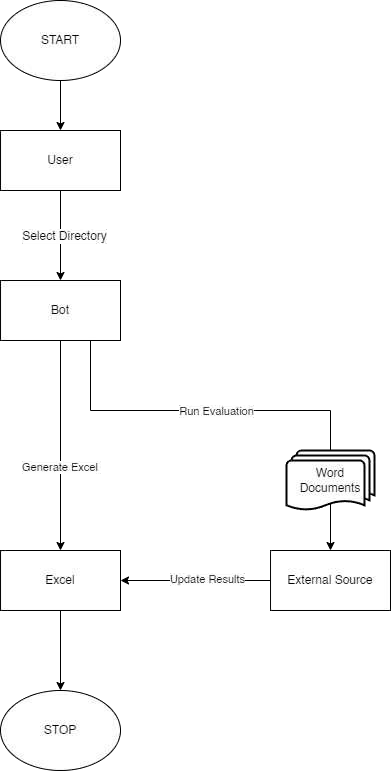


Fig 3.1 System Flow Diagram

#### 3.2 ARCHITECTURE DIAGRAM

An architecture diagram is a graphical representation of a set of concepts, that are part of an architecture, including their principles, elements and components. The architecture diagram for this project is in Fig. 3.2.

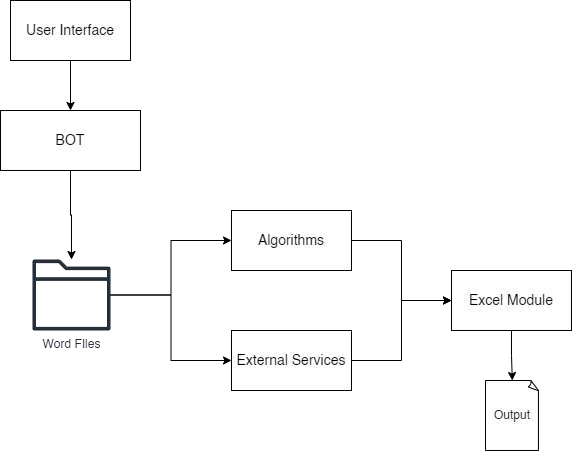


Fig 3.2 Architecture Diagram

#### 3.3 SEQUENCE DIAGRAM

A sequence diagram is a type of interaction diagram because it describe and s how in what order a group of objects works together. The sequence diagram for this project is in Fig. 3.3.

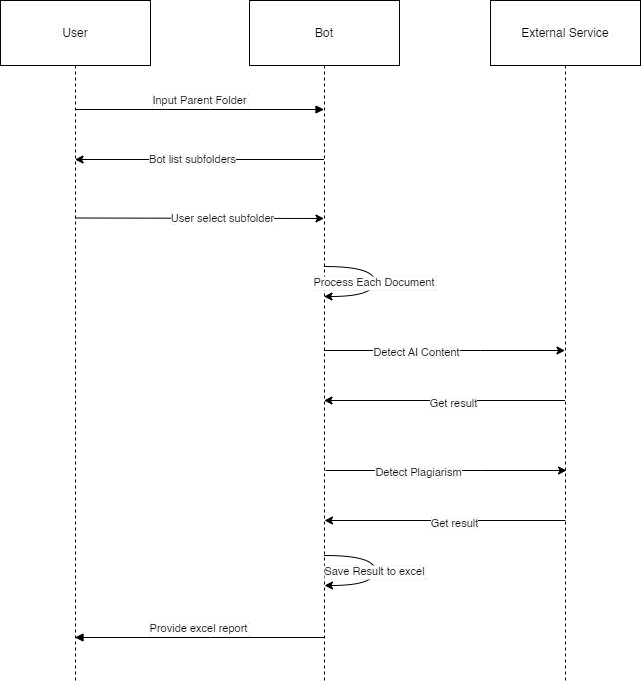


Fig 3.3 Sequence Diagram



