

Design of XXX software		
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REVISION HISTORY

Date	Version	Description	Author
30.11.2021	1.1	File filled.	Başak BALCI
15.12.2021	2.1	Corrections made.	Başak BALCI

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1 Introduction

This document describes the design of the Pushdown Automata software system.

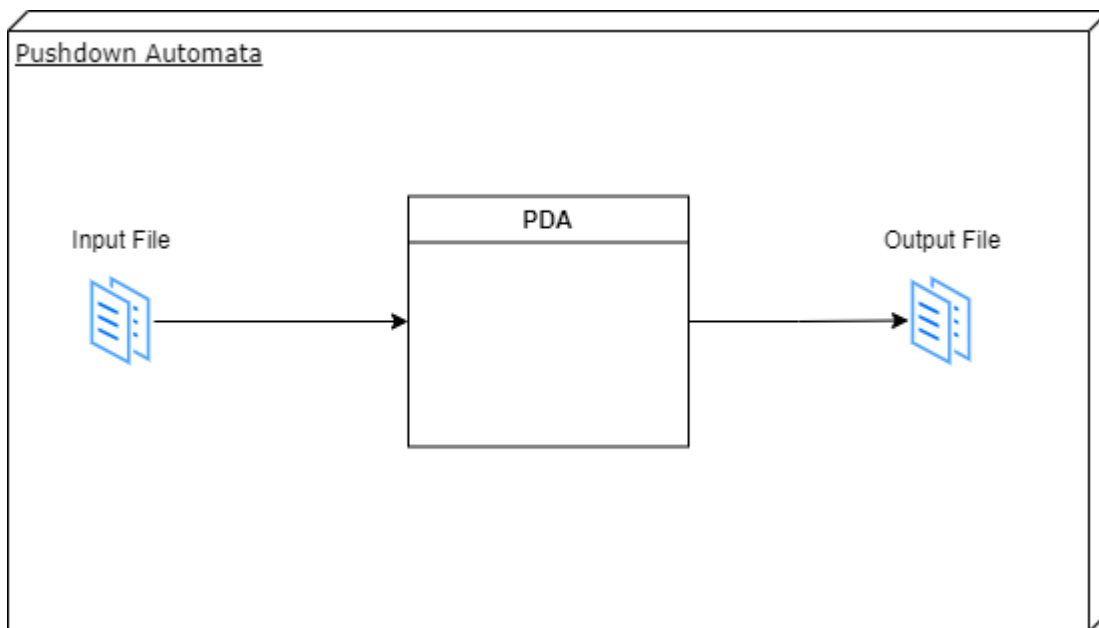
1.1 References

1.1.1 Project References

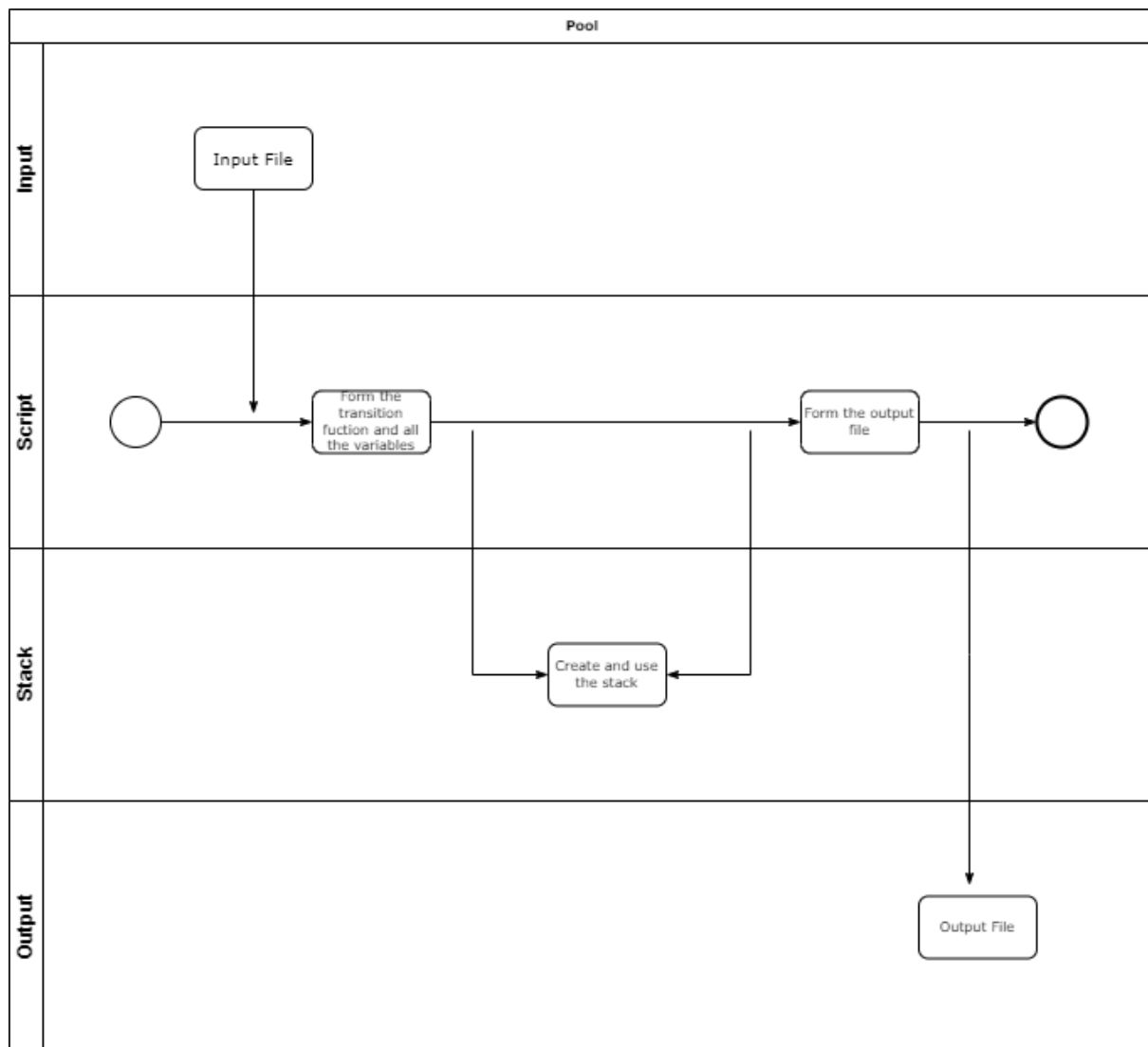
#	Document Identifier	Document Title

2 Software Architecture overview

The package diagram.



The flowchart diagram.



3 Software design description

3.1 Component 1

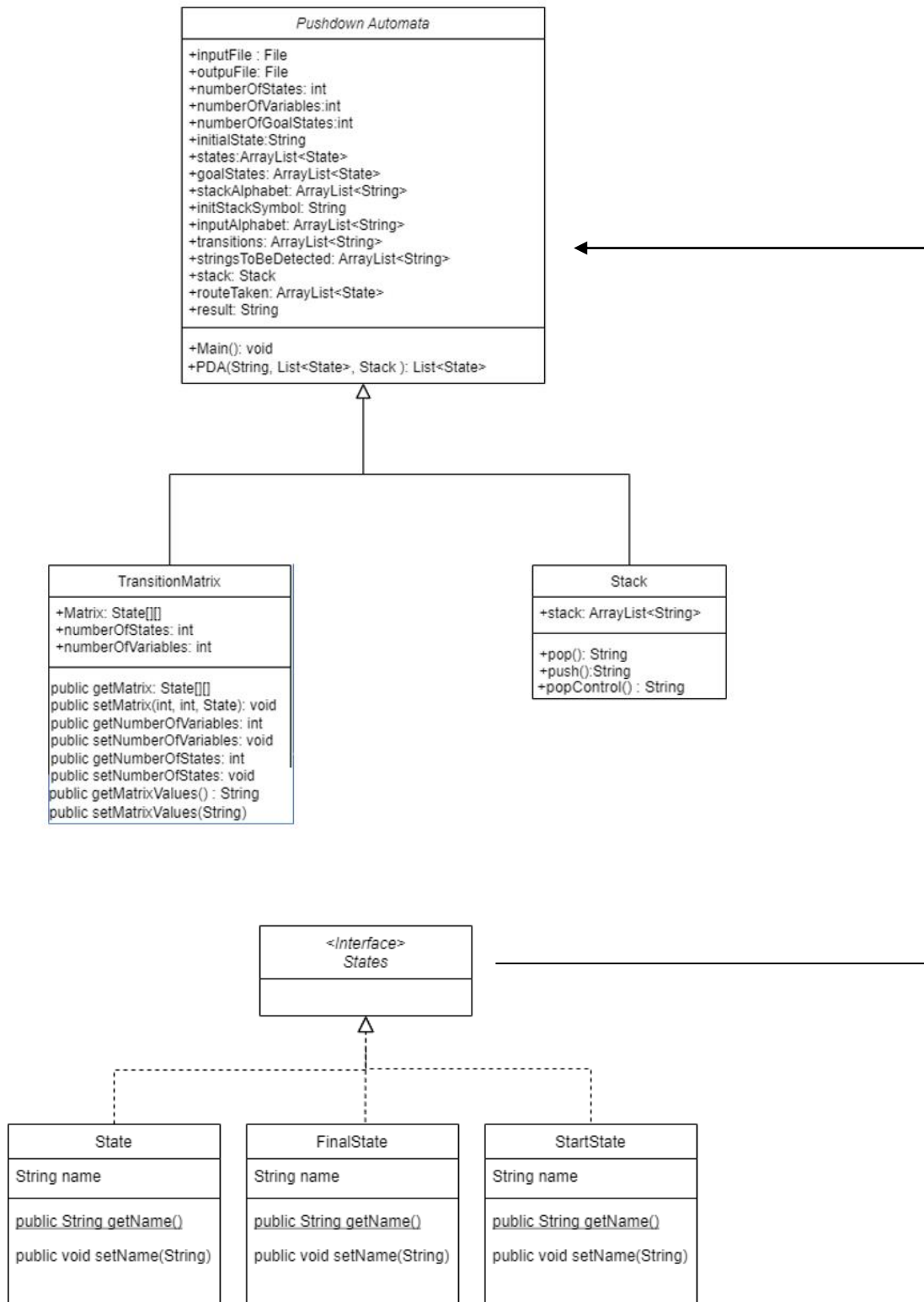
3.1.1 Component interfaces

PDA: Simulates the PDA, takes the input file and creates the output file.

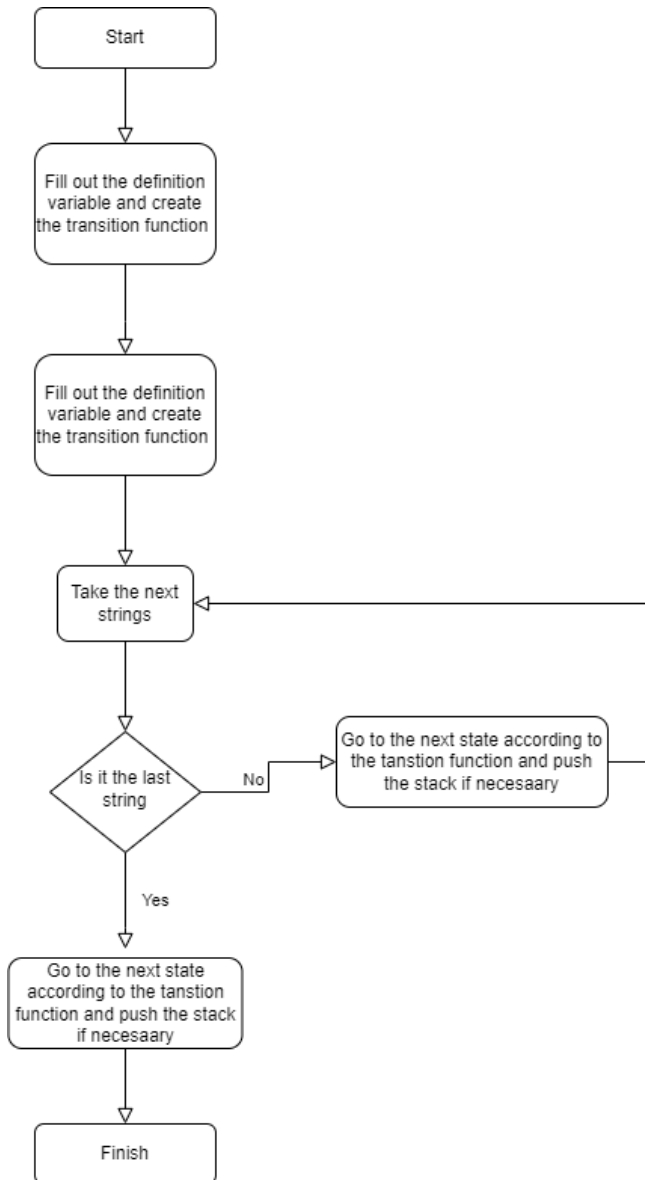
TransitionFunction: This class represents the transition function matrix.

State: This class represents the states. Stack: This class represents the stack.

3.1.2 Component design description



3.1.3 Workflows and algorithms



3.1.4 Software requirements mapping

Not Applicable.

4 COTS Identification

Not Applicable.