**PayStation Main  
Design Document**

**CIS 3296 Section 01**

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**Repository URL:**

* <https://github.com/cis3296s23/paystationmain-alanprince-paystation>

Table of Contents

[Document Overview 4](#_Toc93764530)

[Architecture 4](#_Toc93764531)

[API 4](#_Toc93764532)

[Package edu.temple.cis.paystation 6](#_Toc93764533)

[Class IllegalCoinException 7](#_Toc93764534)

[Interface PayStation 9](#_Toc93764535)

[Class PayStationImpl 12](#_Toc93764536)

[Interface Receipt 17](#_Toc93764537)

[Class ReceiptImpl 18](#_Toc93764538)

## Document Overview

This Design Document describes the software architecture and how the requirements are mapped into the design. This document will be a combination of diagrams and text that is describing what the diagrams are showing. The Design Document also specify the complete design of the software implementation using Javadoc.

## 

## Architecture

This section describes the different components and their interfaces using UML. For example: client, server, database. For each component provide class diagrams showing the classes to be developed (or used) and their relationship.

Diagram

Description automatically generated

Figure UML Example Class Diagram for PayStation TDD

## Detail Design API

For each class define the data fields, methods.

* The purpose of the class.
* The purpose of each data field.
* The purpose of each method
* Pre-conditions if any.
* Post-conditions if any.
* Parameters and data types
* Return value and output variables
* Exceptions thrown\*.

This information should be in structured comments (e.g. Javadoc) in the source files. A documentation generation tool (e.g. Javadoc) may be used to generate the document as a draft.

































