

Technical Overview

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1 Introduction

This document presents the technical overview of the solution for the coding challenge, sales Tax. It contains the technical environment as well as two described diagrams presenting the services of the program and the entities.

2 Technical environment

2.1 Technical Stack

The solution for the coding challenge was implemented with this technical stack:

- **Java:** Programming language to implement the code.
- **Maven:** Build tool to contain the project target and dependencies.
- **Junit:** Framework for the unit and integration tests.

2.2 Software Environment

- **Ubuntu 20.04:** Operating system that executes commands to run the solution.
- **Eclipse Java EE IDE:** IDE to implement the code.
- **gitHub:** Git handler for versions control.

3 Services Overview

The services are presented and described by the next diagram (figure 1).

4 Entities Overview

The entities are presented by the simple class diagram (figure 2).

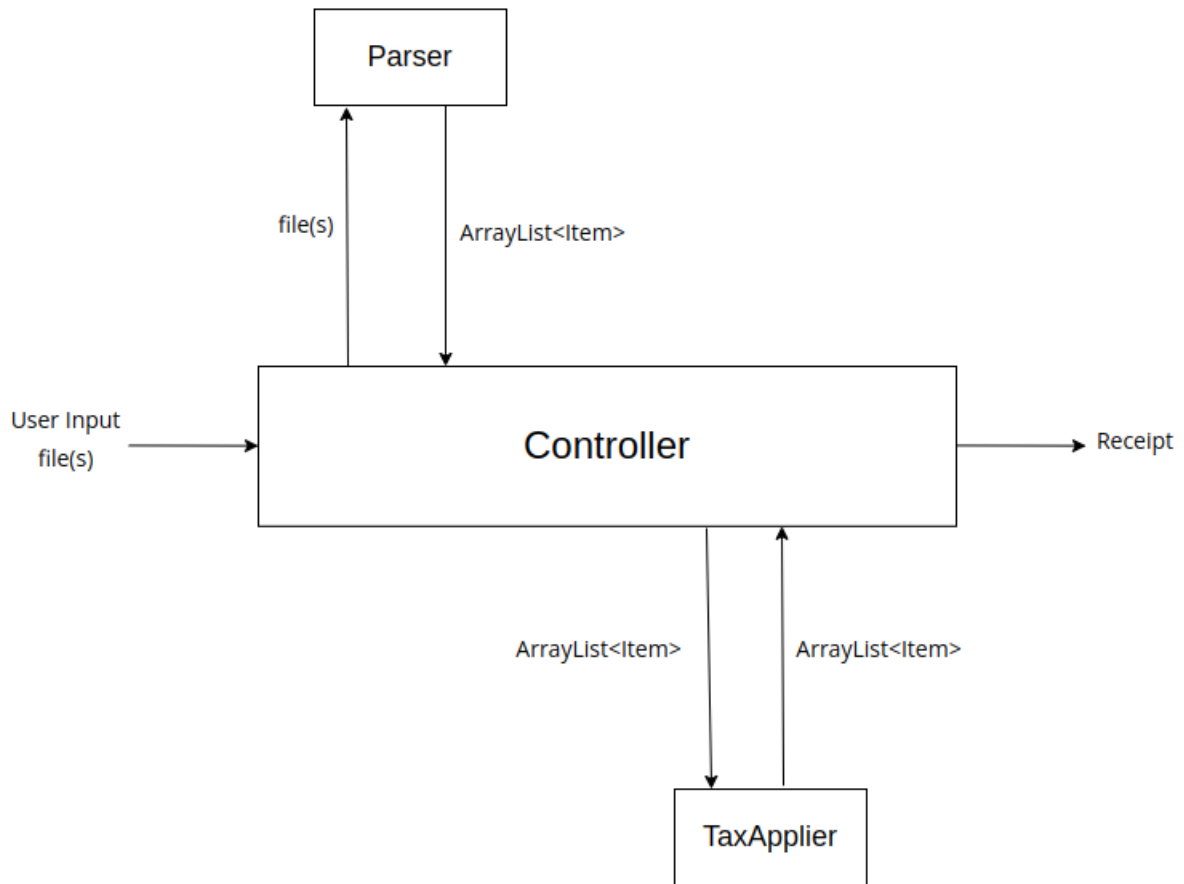


Figure 1: Services Overview

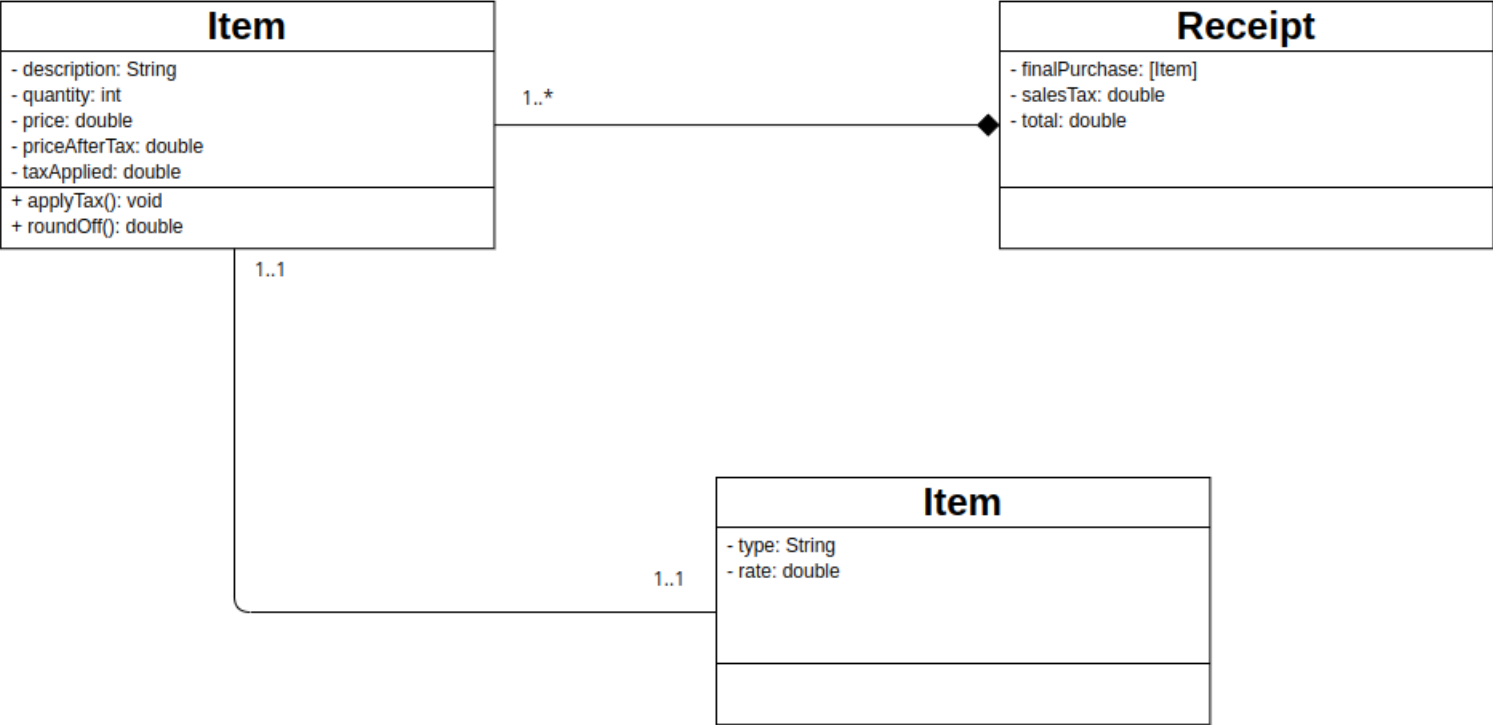


Figure 2: Entities Overview