Introduction

The purpose of this document is to provide a comprehensive overview of the classes JewelryStore, LegalEntity, and Designer. Each class has been implemented to serve specific functionalities within a jewelry store management system. This report will describe the functionality and goal of each class in detail.

JewelryStore Class

Functionality:

- The JewelryStore class represents a jewelry store with a name, address, and a collection of legal entities associated with it.
- It includes methods to add legal entities to the store and retrieve information about the store and its associated entities.

Goals:

- To manage and store information about a jewelry store, including its name, address, and associated legal entities.
- To provide methods to add and retrieve legal entities related to the jewelry store.

LegalEntity Class

Functionality:

- The LegalEntity class represents a legal entity with a name and registration number.
- It includes methods to retrieve the name and registration number of the legal entity.

Goals:

- To provide a base class for entities that have a legal identity, such as designers and other business entities.

- To encapsulate common properties and methods that can be inherited by other classes.

Designer Class

Functionality:

- The Designer class extends the LegalEntity class and represents a designer with a specific design specialty.

- It includes methods to retrieve the design specialty of the designer.

Goals:

- To represent designers who are associated with a jewelry store and have specific design specialties.

- To extend the LegalEntity class and add additional properties and methods specific to designers.