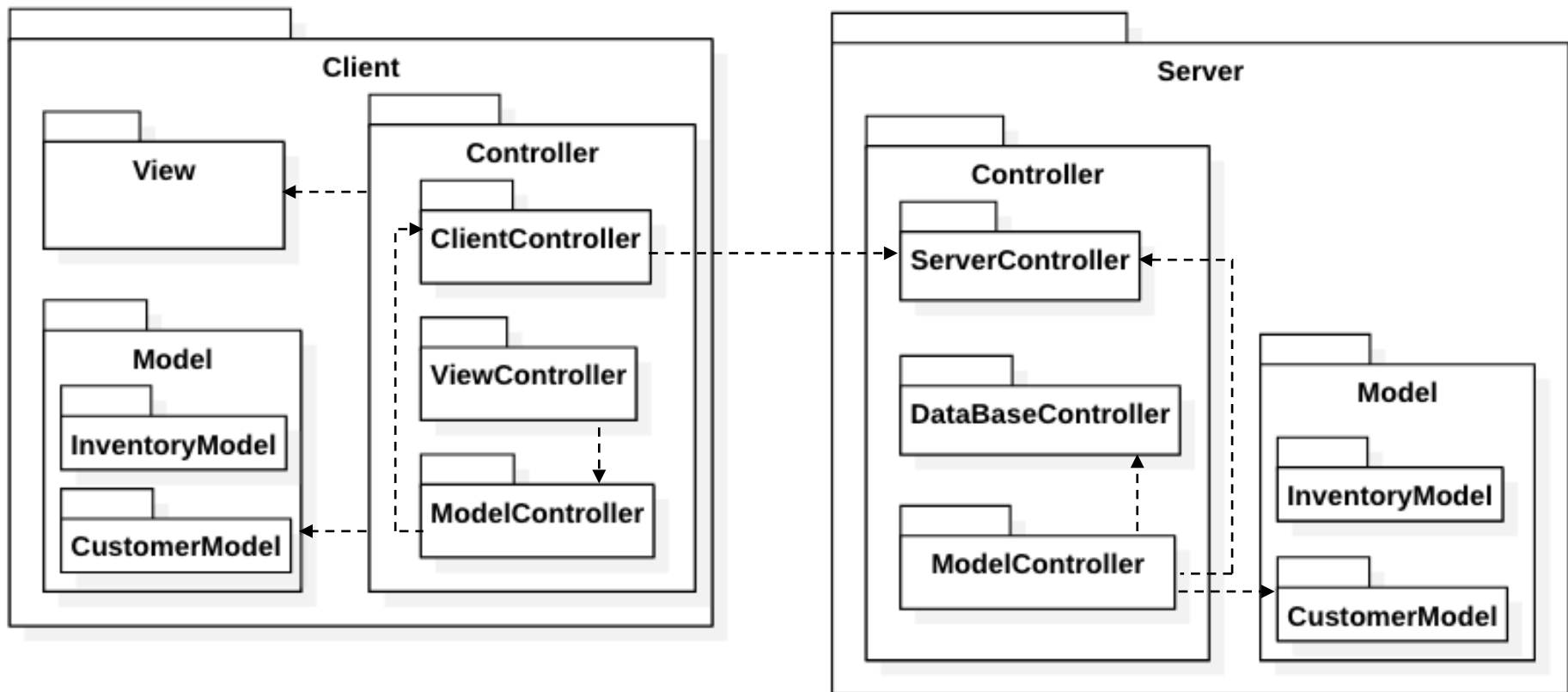


ESNF 607 FINAL PROJECT

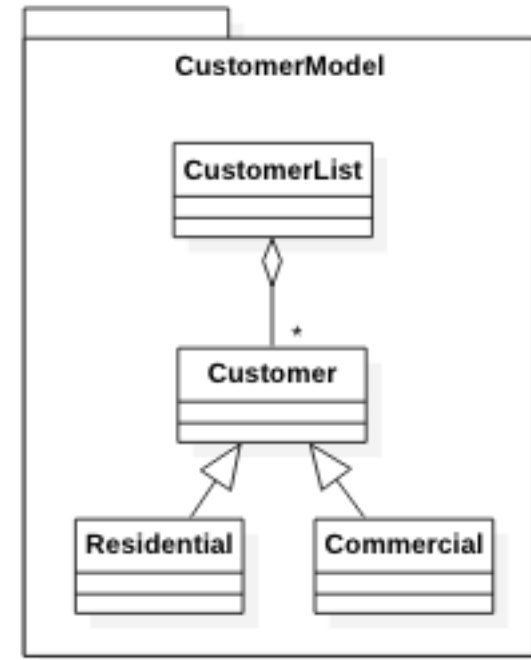
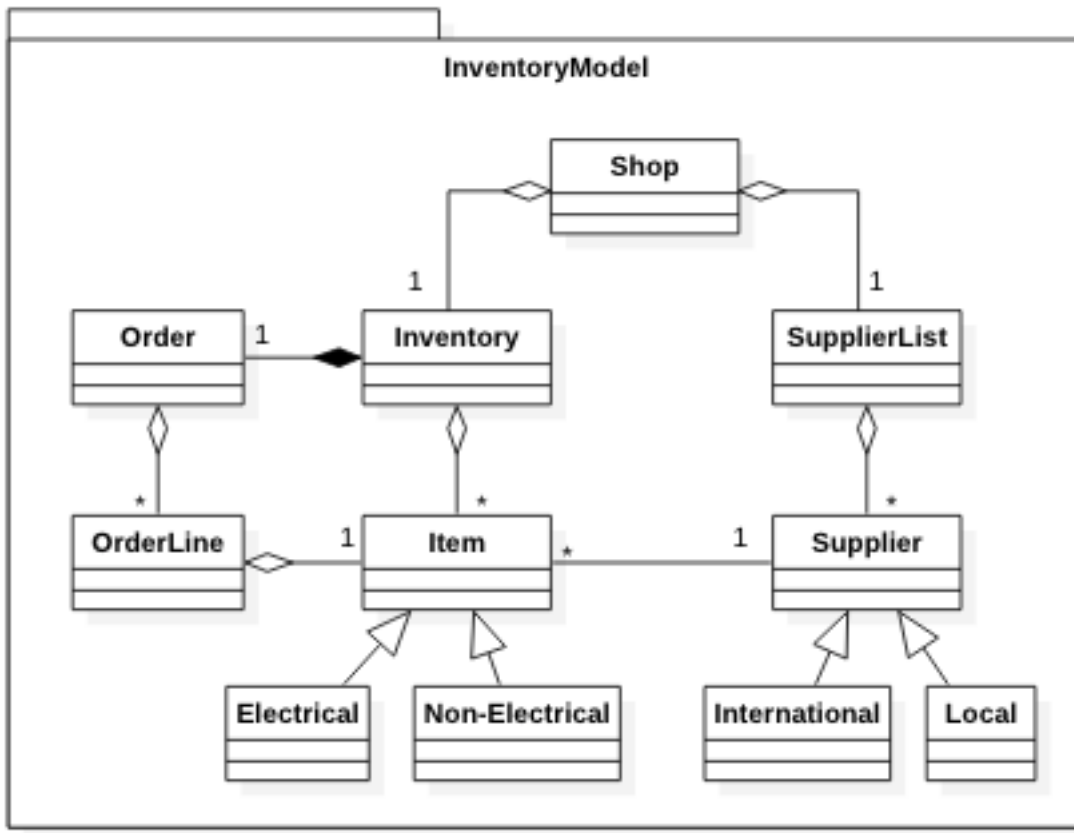
UML DIAGRAMS

Branden Shin
(10170759)
November 18th, 2020

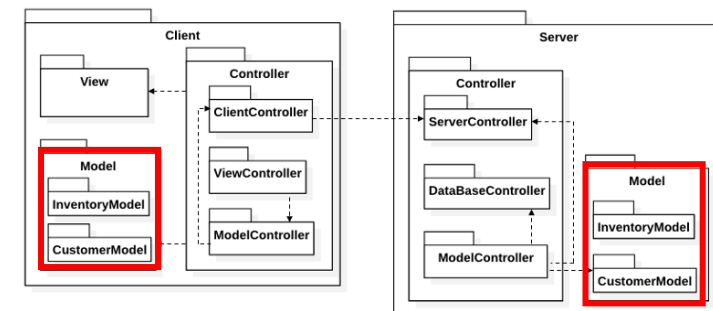
High-Level Package Diagram



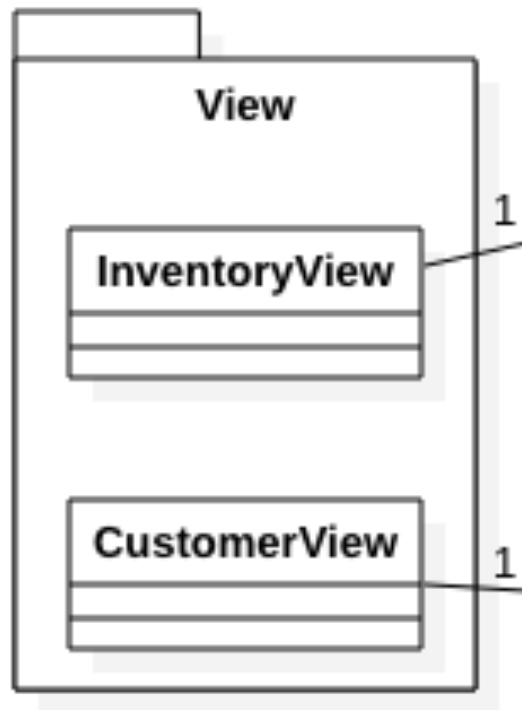
Model Package UML Diagram



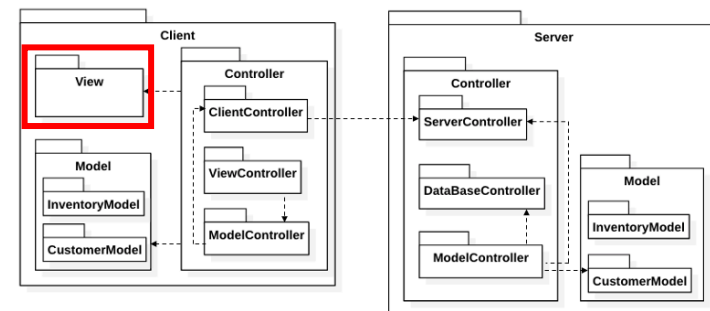
- This UML diagram is the same for both the Client-Side and Server-Side Model Packages
- This UML diagram does not show relationship between the model and controller



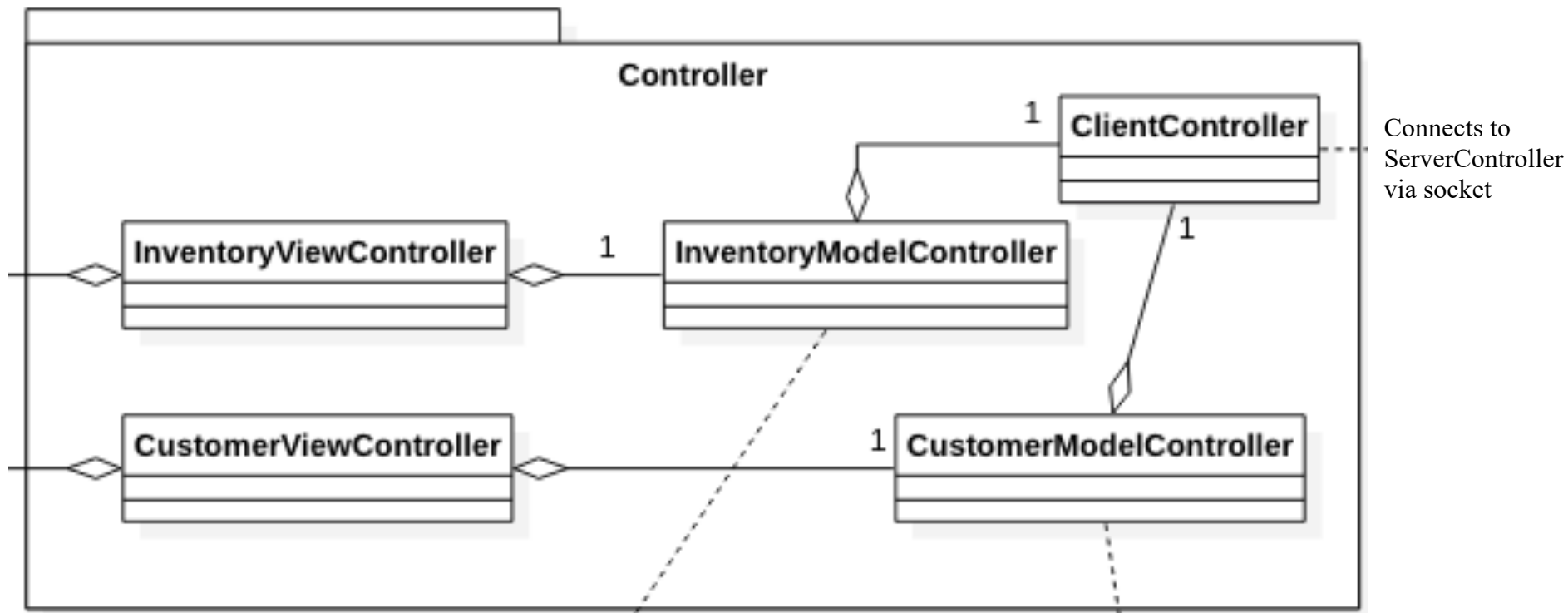
Client-Side View Package UML Diagram



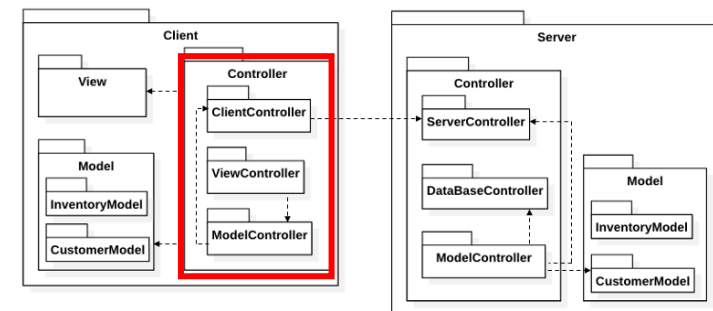
- 2 views for this system: a view for the Inventory Management System, and another view for the Customer Management System



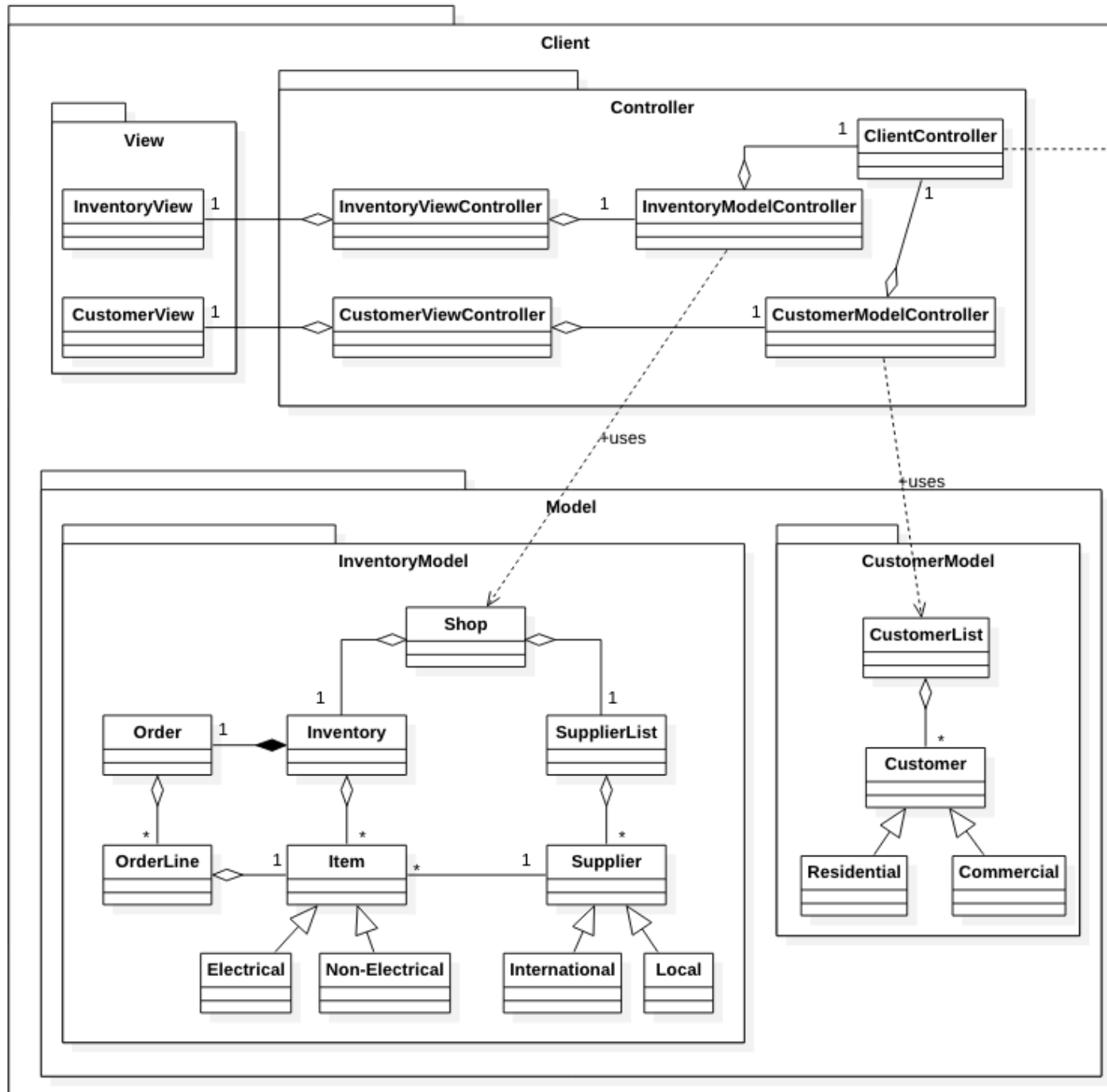
Client-Side Controller Package UML Diagram



- We have 1 Client Controller that is used to communicate with the ServerController
- We have 2 View Controllers, one for each view
- We have 2 Model Controllers responsible for Serialization/Deserialization of objects using a model instance



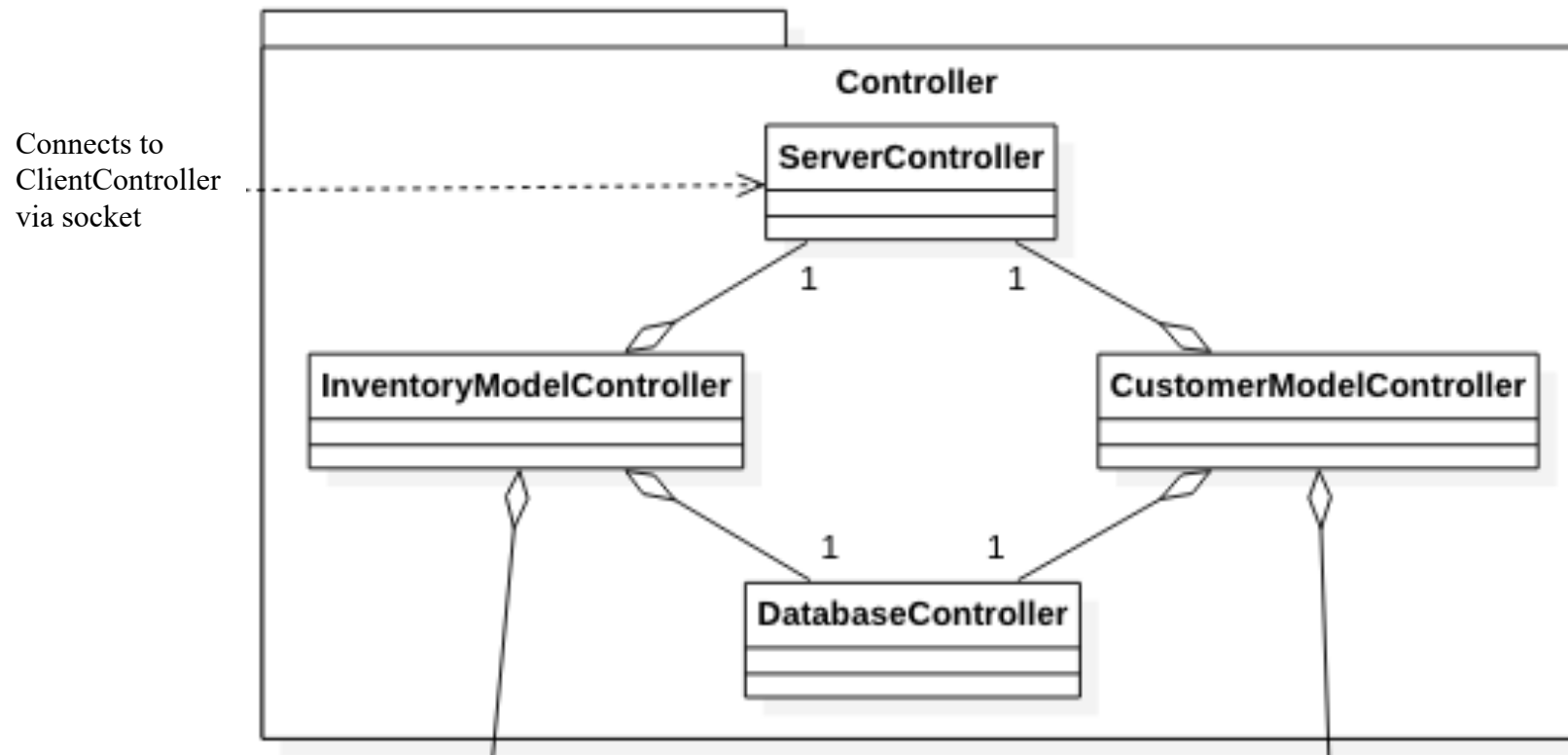
Overall Client-Side UML Diagram



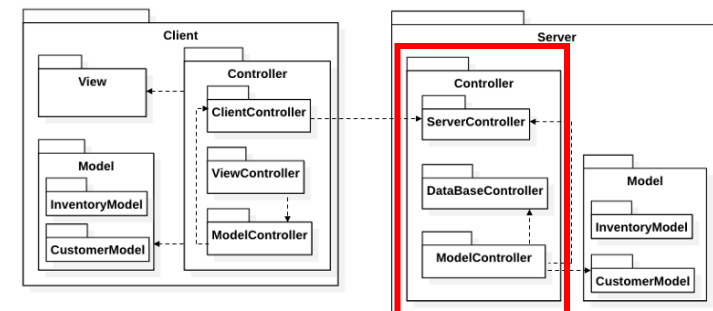
Connects to
ServerController
via socket

*ModelController
uses Model for
serialization and
deserialization

Server-Side Controller Package UML Diagram

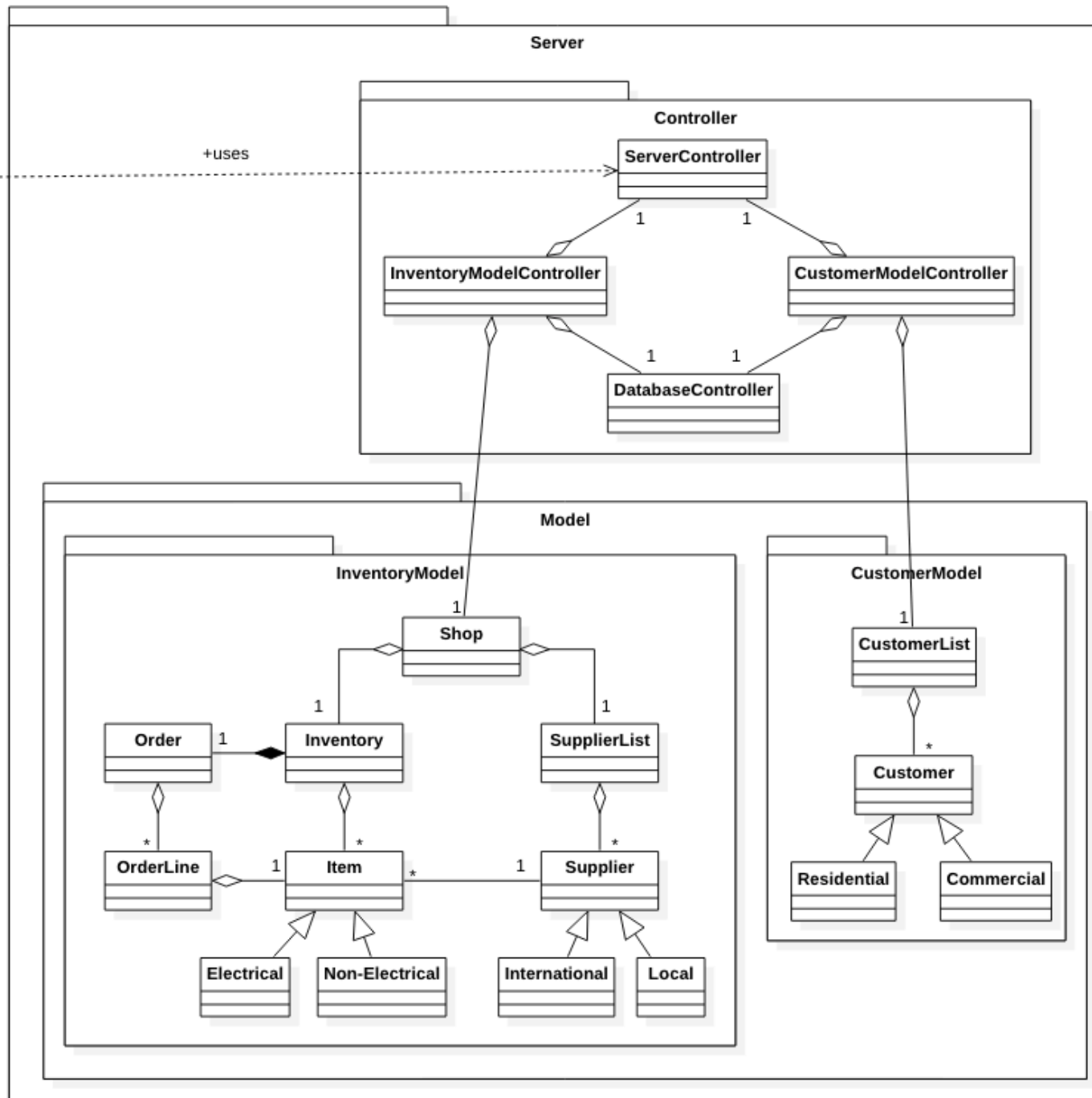


- We have 1 Server Controller that is used to communicate with the ClientController
- We have 2 Model Controllers, 1 for Inventory and one for Client
- We have 1 Database Controller to communicate with database



Overall Server-Side UML Diagram

Connects to
ClientController
via socket



Overall UML Diagram

