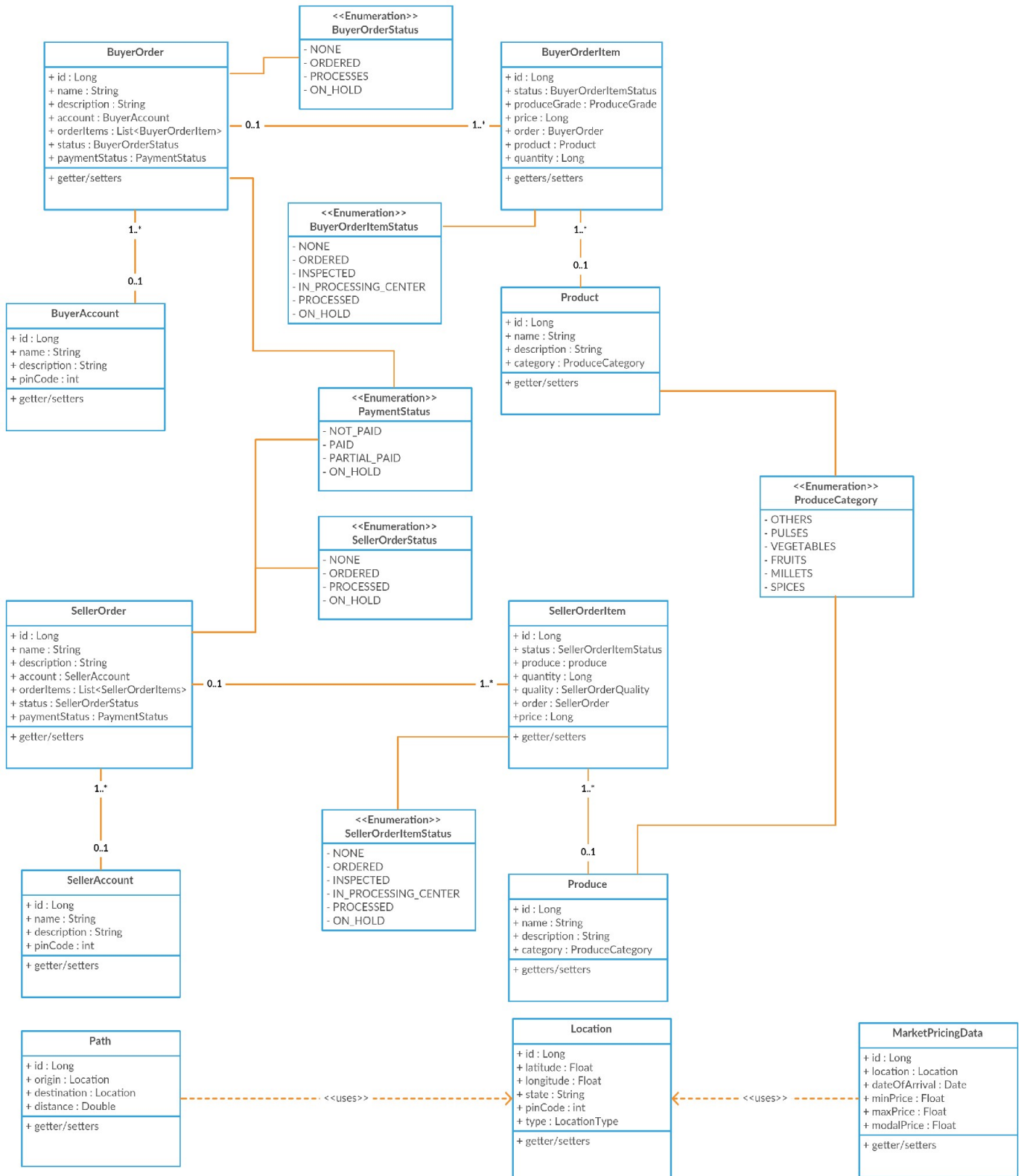


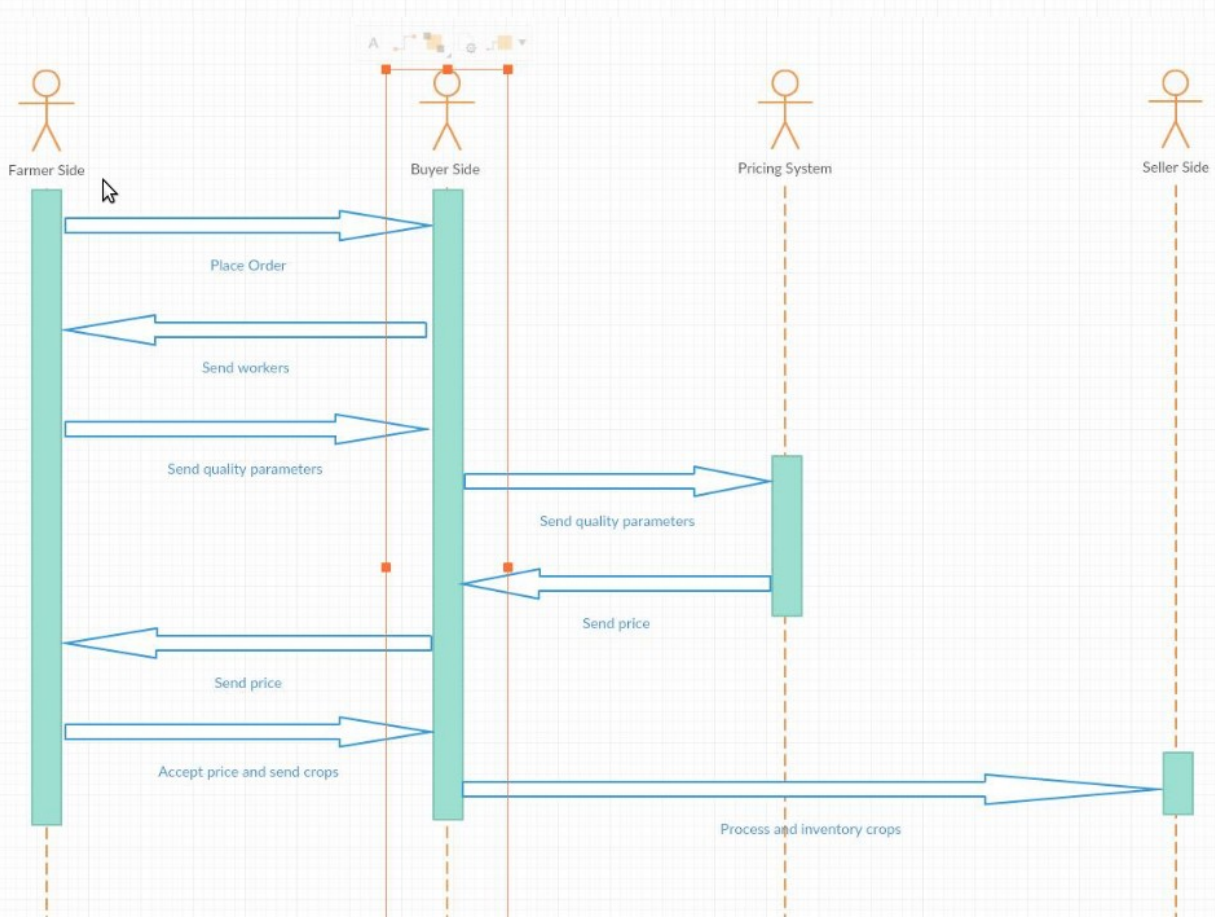
Product Design

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BuyerOrder	<ul style="list-style-type: none"> ❑ This class deals with the order placed by the bulk buyers. ❑ It consists the information of Bulk Buyer and the location where the order is to be shipped ❑ It comprises of many BuyerOrderItem instances ❑ It has basic CRUD functionality
BuyerOrderItem	<ul style="list-style-type: none"> ❑ BuyerOrderItem determines the product and product grade of the item ordered ❑ It has basic CRUD functionality
Product	<ul style="list-style-type: none"> ❑ Product class consists of many BuyerOrderItem instances ❑ It is what stored in the inventory after the processing of the produces ❑ It has basic CRUD functionality ❑
Seller Account	<ul style="list-style-type: none"> ❑ This class deals with the seller accounts of the farmers. ❑ It consists of the information of Seller Accounts along with their location and pinCode and other details. ❑ It has provisions to edit and delete the seller accounts at the expense of the power administrator.
Buyer Account	<ul style="list-style-type: none"> ❑ This class deals with the buyer accounts of the farmers. ❑ It consists of the information of Buyer Accounts along with their location and pinCode and other details. ❑ It also has provisions to edit and delete the buyer accounts at the expense of the power administrator.

Sequence Diagram(s)



Design Rationale

1. There is a *ProduceCategory* enum for *Produce* model where various categories of the produce is defined. Similarly there exist a *Product* model and it is also has an attribute of category but instead of making a separate *ProductCategory* enum, client wants us to use *ProduceCategory* enum only for *Product* too.