

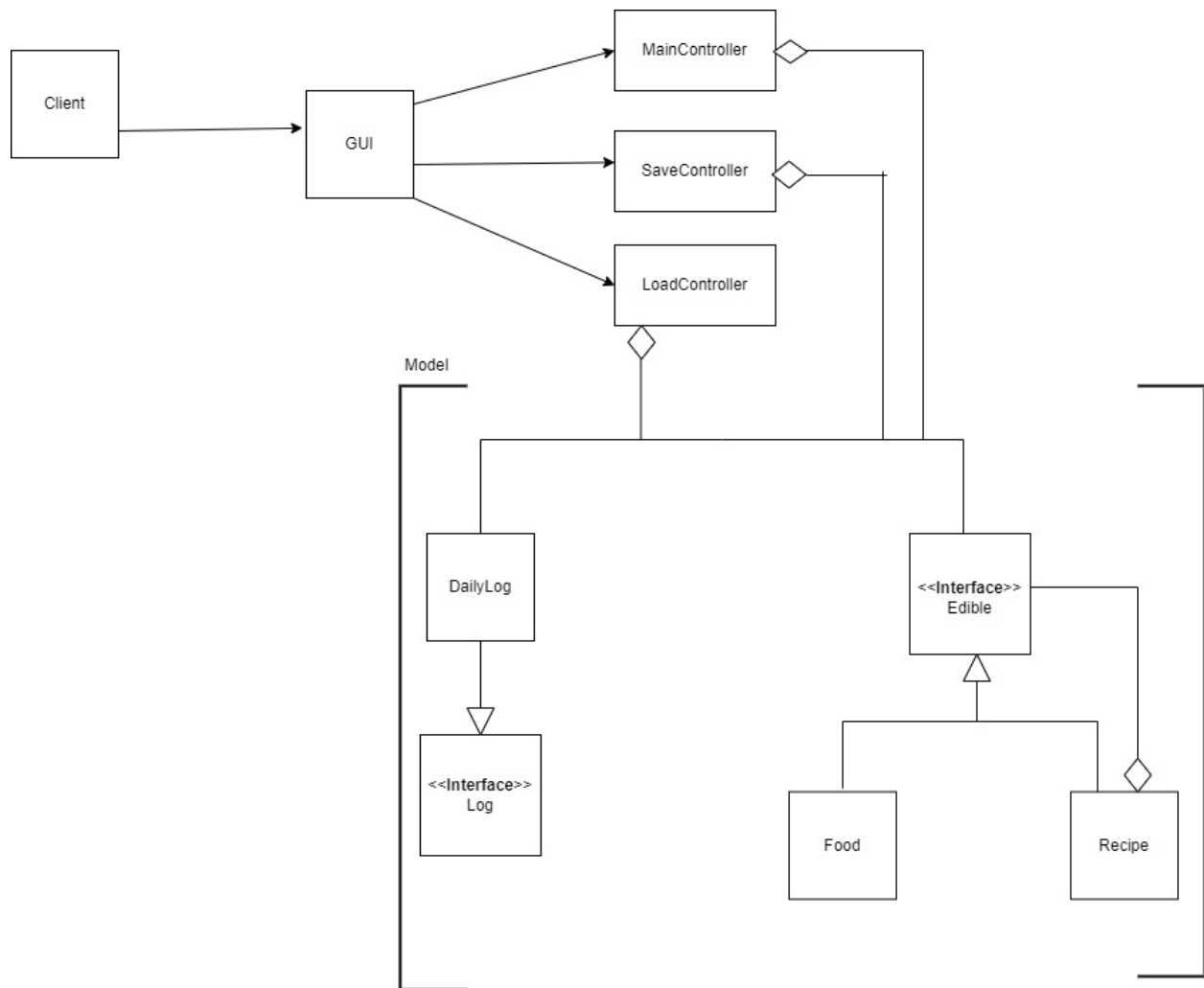
Design Sketch

Team members:

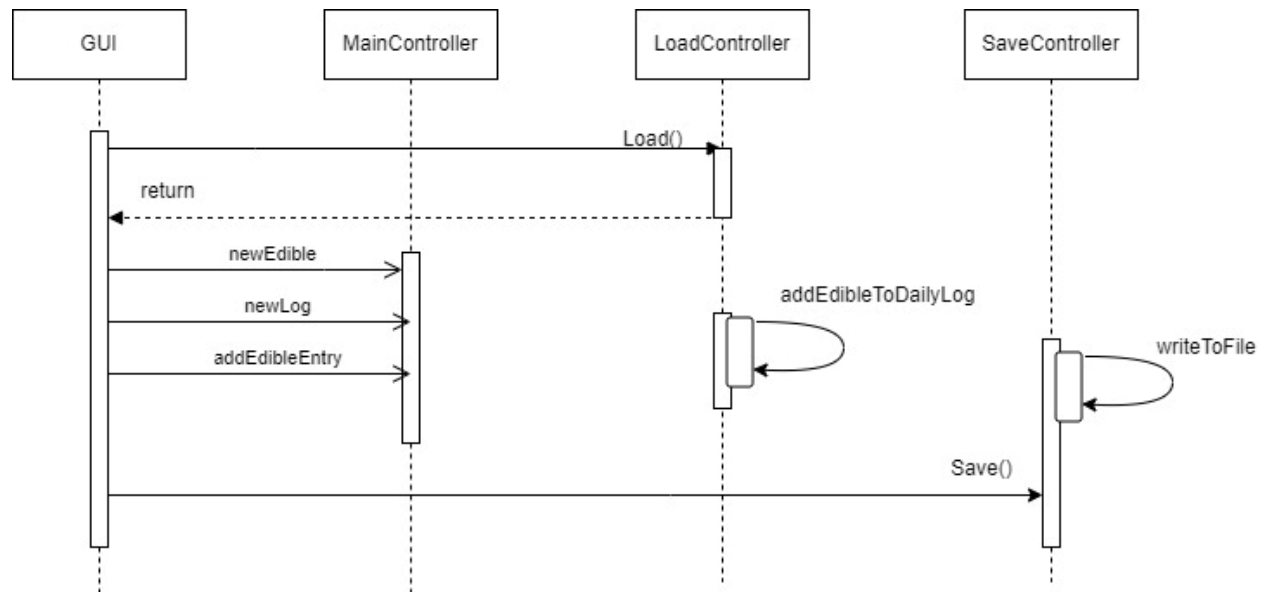
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Class Diagram



Sequence diagram



Description of Classes

- Food class is a class representing the food that is read from the food.csv file. It implements the Edible interface and with Recipe it creates a Composite pattern. It represents the Leaf in the Composite pattern.
- Recipe class is a class representing the recipe that is read from the food.csv file. It implements the Edible interface and with Food it creates a Composite pattern. This class represents the Group in the Composite pattern.
- Daily Log is a class representing an entry in the log.csv file. It implements the Log interface. It has a collection of Edible objects in it.
- MainController is a class that stores edible objects in appropriate collections. It also has all the access methods that are required to be able to add and create Edible and DailyLogs.
- SaveController is a class that saves both, the edible objects into the food.csv file and daily log objects into the log.csv file.
- LoadController is a class that loads the edible objects from the food.csv file and loads daily log objects from the log.csv file.