

Gebze Technical University
Computer Engineering

Object Oriented Analysis and Design
CSE 443

FINAL REPORT
Değer MANDAL
161044096

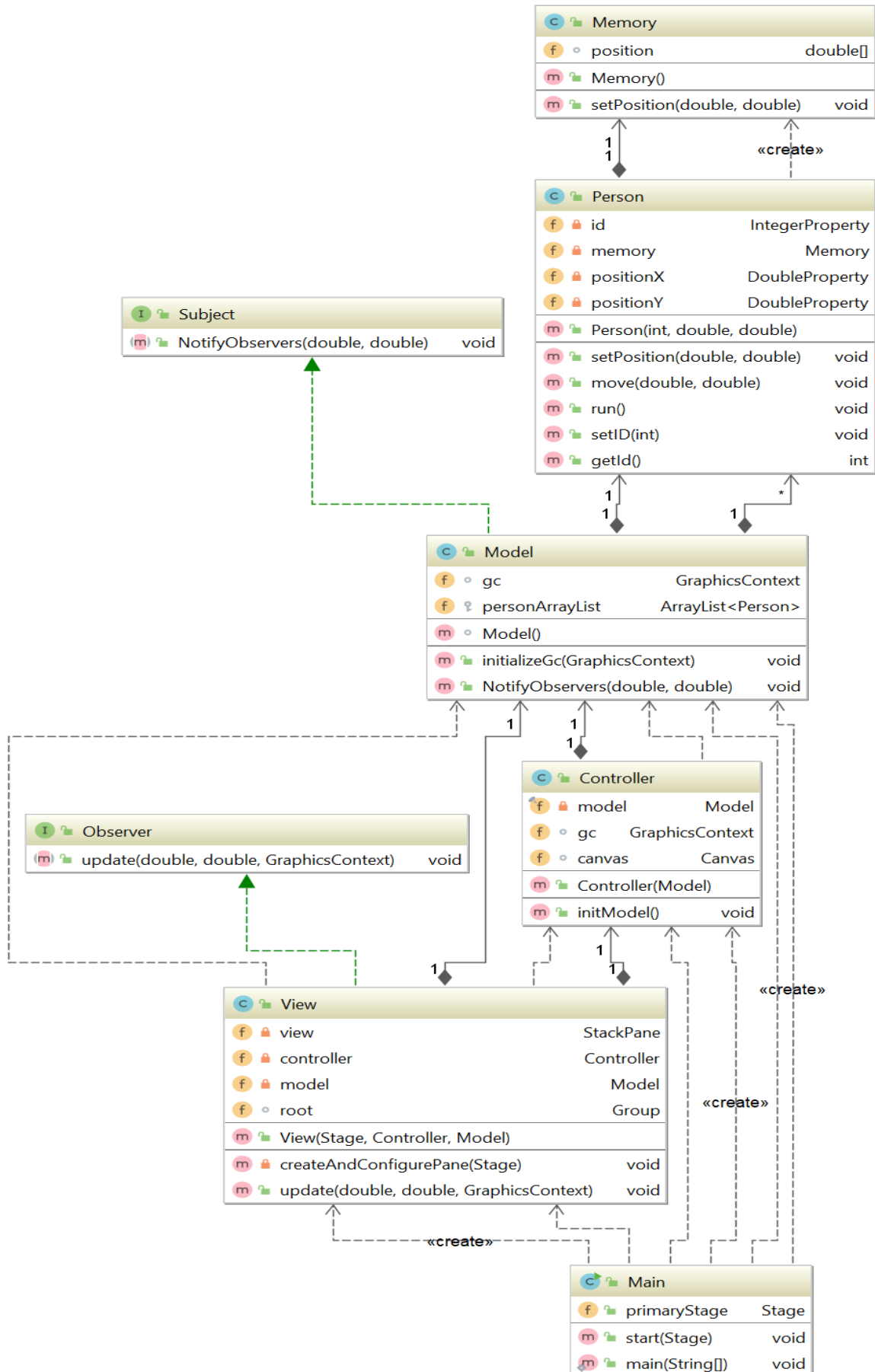
MVC:

Thanks to MVC, we are separating the Model and View structure. Thus, when we have to change the appearance of our application one day tomorrow, we will have to deal with "only" appearance. If we had to deal with a nested, spaghetti code, we would have to change the "operation" of the application while we just wanted to change the appearance.

In addition, thanks to this separation, we made the parts we needed in our Model and View structure can be reused in other projects. After all, our sole purpose in software development is to "stay free from errors" and to "save time".

The view class is for view only. Controls will be created over the View class. The View class will have the button, Canvas and textField. There is a structure that goes from the View class to the Controller class and from there to the Model class. The model class should create as many threads per person. They will shift within the while infinite. Each person in the model class will be notified to the View class whenever they move, and point changes will be told while notifying. It's like delete previous points, draw next points. Memory class is the class that holds the current points and previous points. The model class is subject, and the View class is observer.

Class Diagram:



Output:

Border

— □ ×

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