

## VPP Template by Rickson Bozar

### Team Members:

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### Sequence Diagram

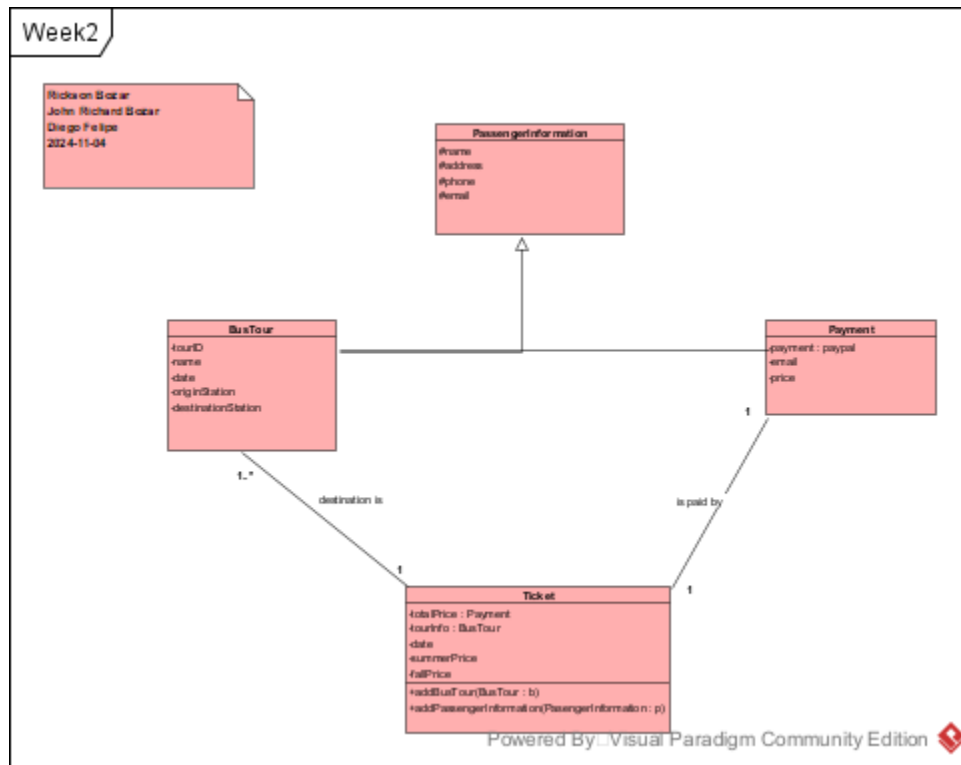
- Added a loop, set data types, and included a redirect function to go back to the main menu.

### Control Diagram

- New operations and data types have been added.

### Class Diagram

- Updated the logic, added functions and operations with data types, applied inheritance, updated access specifiers.



# Controller



## UIController

+requestBusBook(date : String, origin : String, destination : String)  
+enterCustomerInfo(name : String, address : String, phone : String, email : Stri...  
+requestPayment()  
+confirm(t : Ticket, p : Passenger)

## DomainController

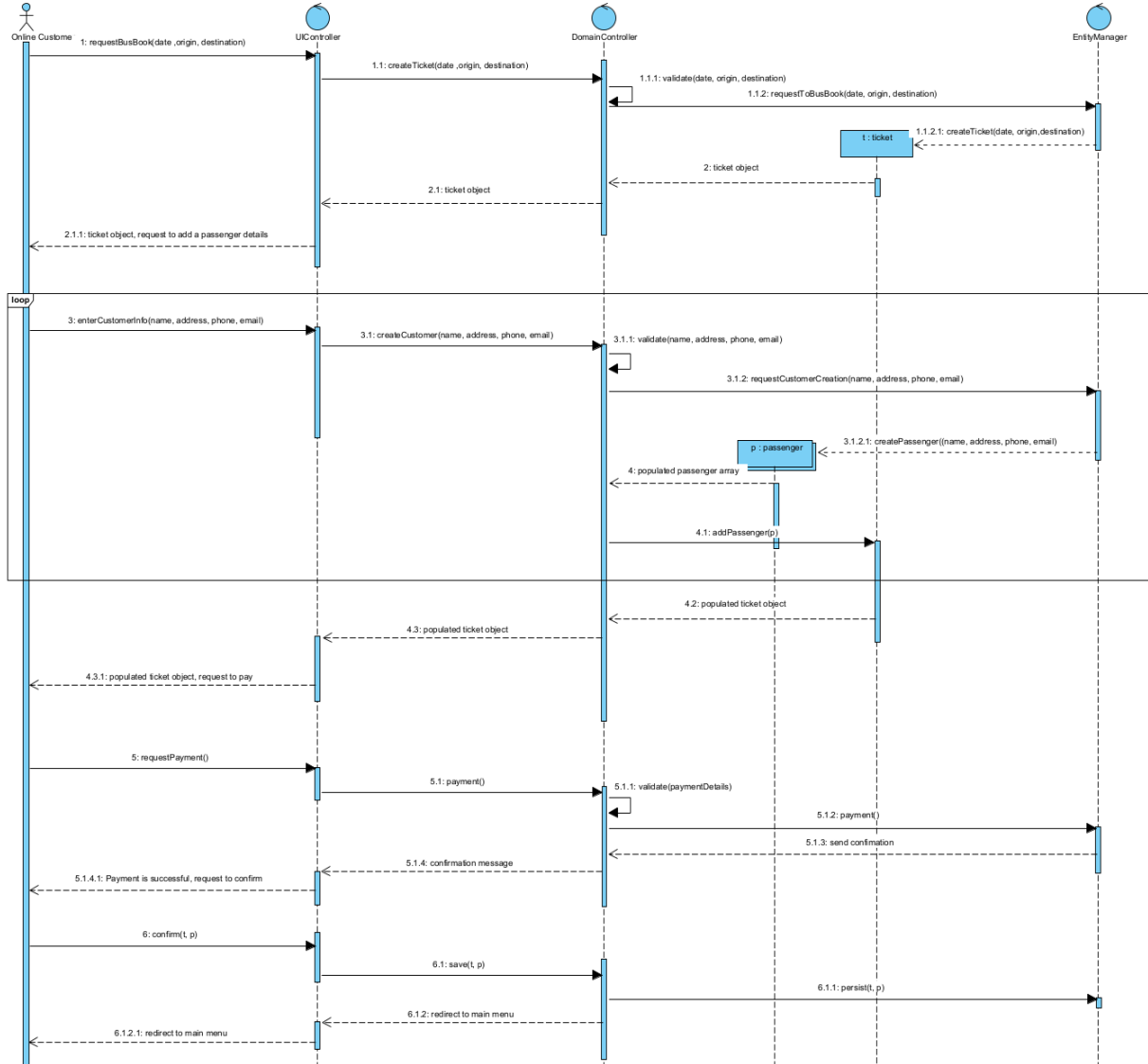
+createTicket(date : String, origin : String, destination : String)  
+createCustomer(name : String, address : String, phone : String, email : Stri...  
+payment()  
+save(t : Ticket, p : Passenger)  
+validate(date : String, origin : String, destination : String)  
+validate(name : String, address : String, phone : String, email : String)  
+validate(paymentDetails : String)

## EntityManager

+requestToBusBook(date : String, origin : String, destination : String)  
+createTicket(date : String, origin : String, destination : String)  
+requestCustomerCreation(name : String, address : String, phone : String, email : Stri...  
+payment()  
+persist(t : Ticket, p : Passenger)

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## sd [Sequence Diagram]



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