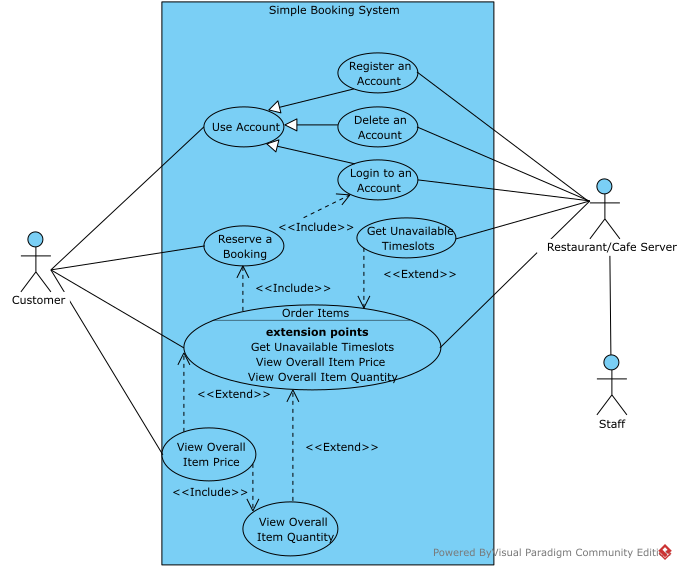
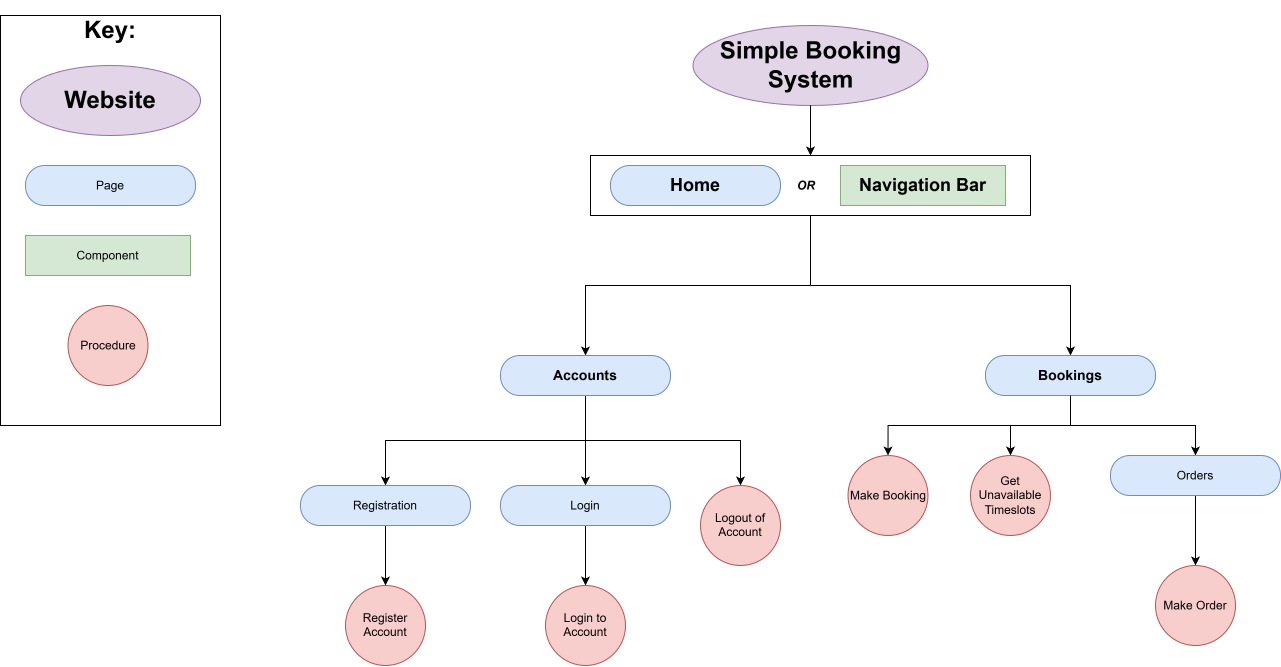
Simple Booking System – Design Documents

# Front-end

## Use Case Diagram

This is a use case diagram which showcases the various functional requirements of the system from the business proposal and brief in the form of features. The key feature is that it shows the relationship between features and breaks them down into chunks that can be modelled individually. These will form a basis for the rest of these design documents.

## Sitemap

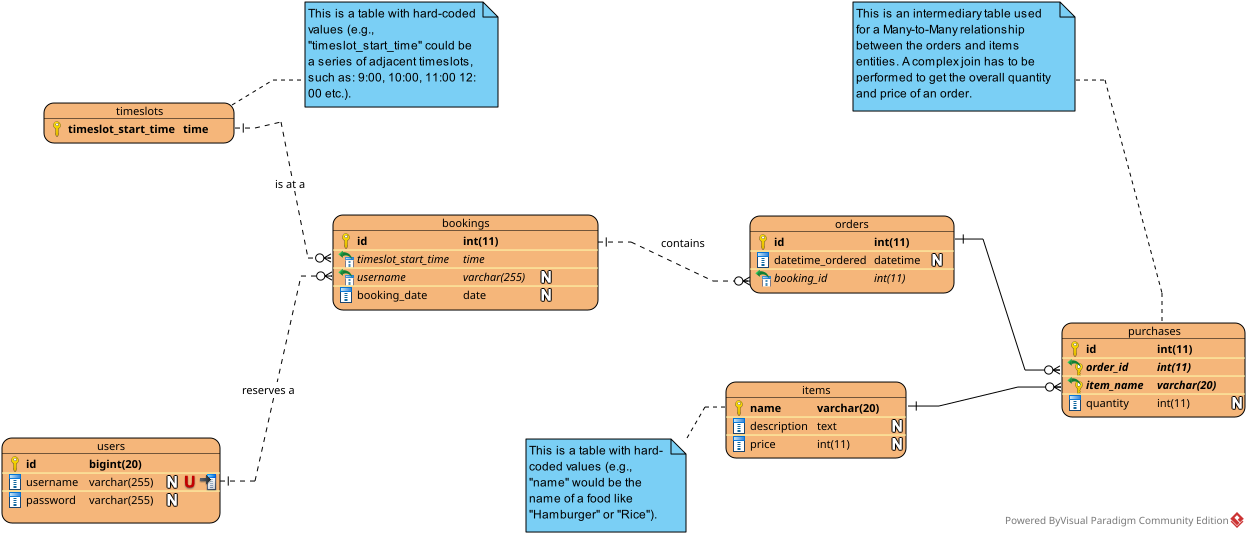
This is a sitemap that shows how the user will access the various functionality seen in the Use Case Diagram. It shows the journey the user will take to accomplish certain actions. In a development context, the page hierarchy shown here will be used with some kind of page routing system, such as those seen in web frameworks. In the PHP framework Laravel, this would be using the Route facade to respond to POST and GET requests. In this instance, the key represents the following:

* A “Page” represents a response to a GET request
* A “Procedure” represents a response to a POST request, such as a form, or an AJAX GET request
  + (However, the “Get Unavailable Timeslots” procedure will be an AJAX script that responds to a GET request)
* A “Component” is a reusable UI component that is available across every page

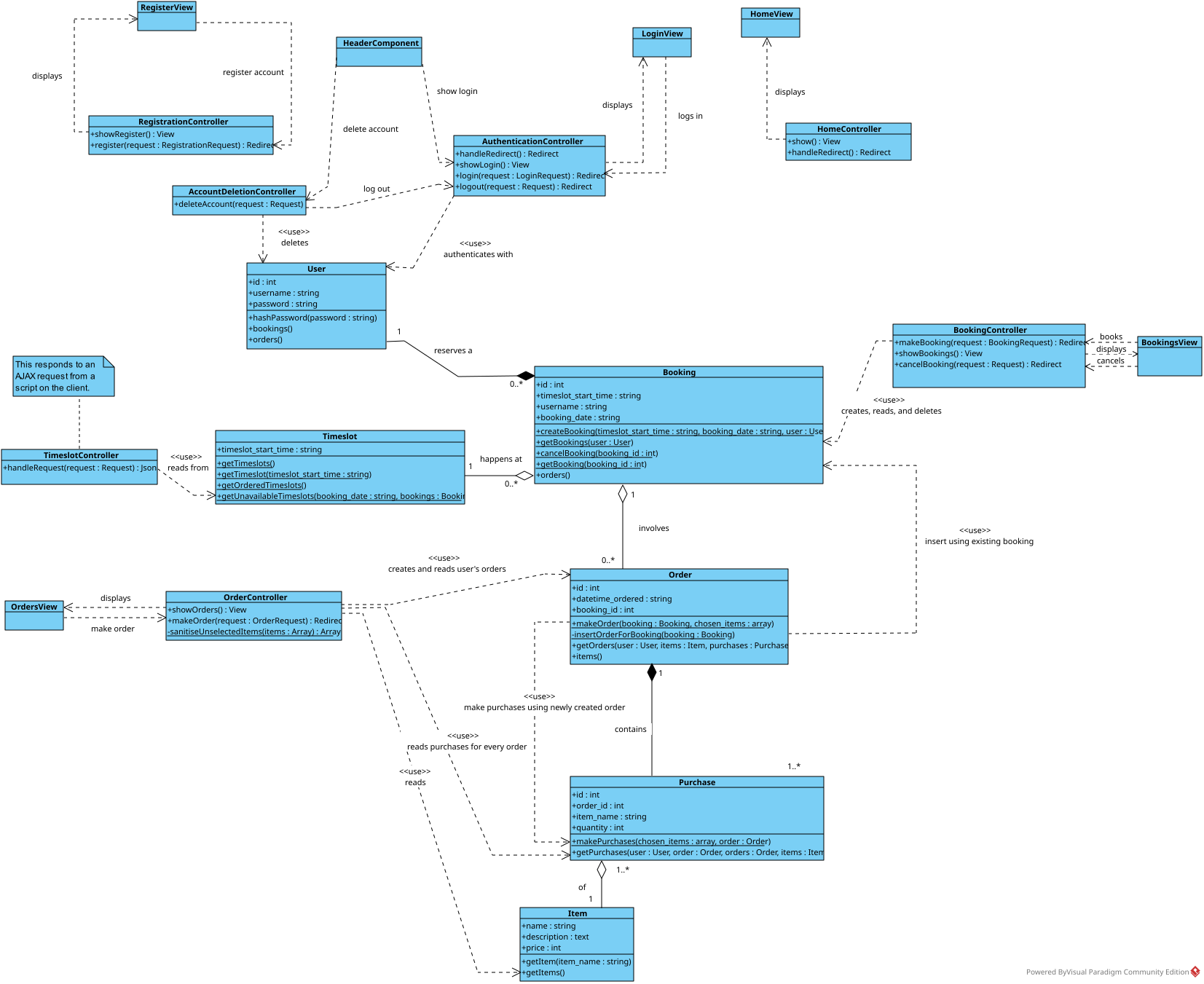
## Wireframes

# Back-end

## Entity Relationship Diagram (ERD)

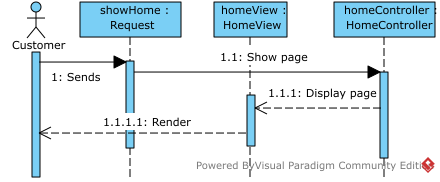


## Class Diagram



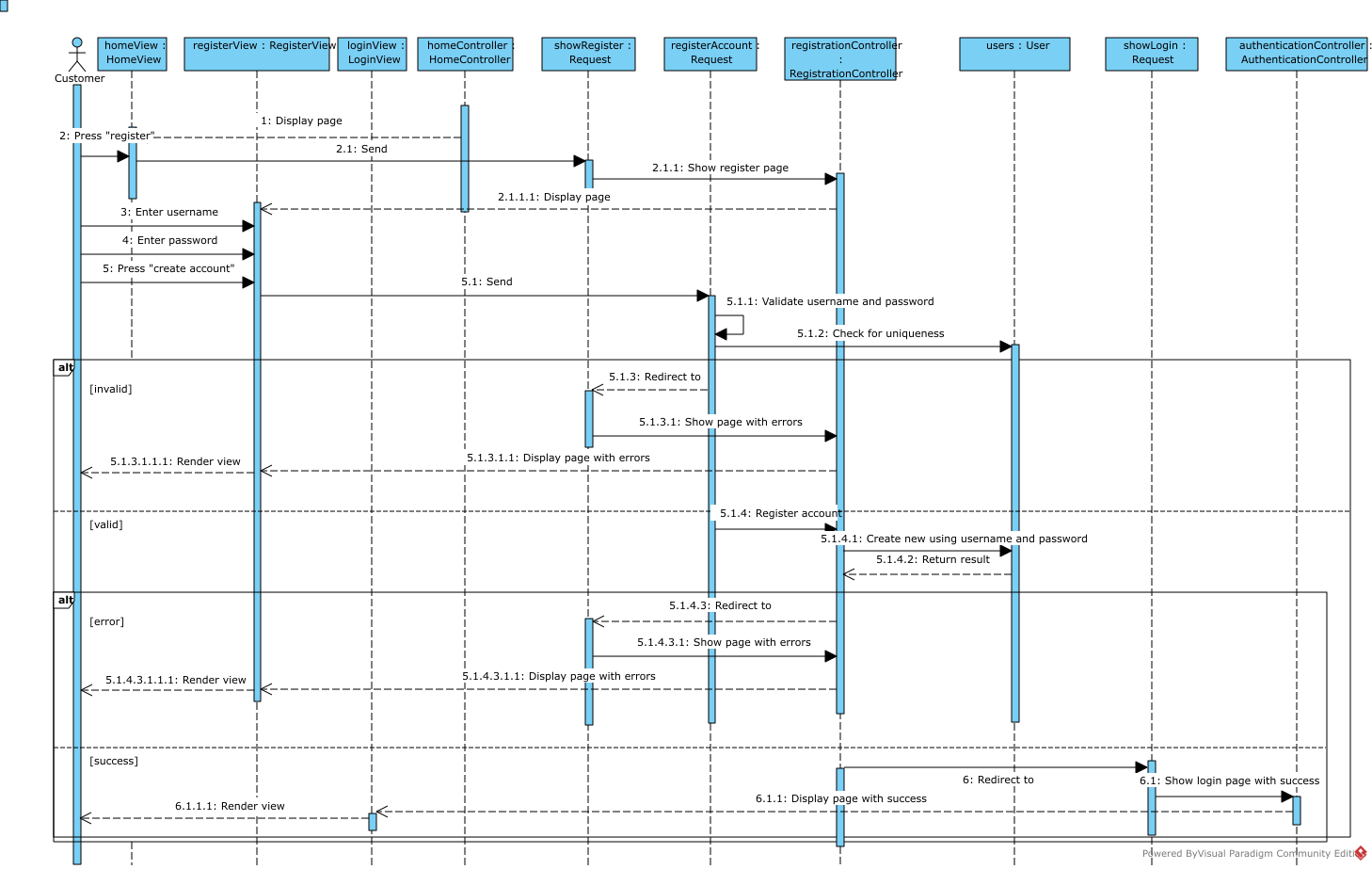
## Sequence Diagrams

### Home

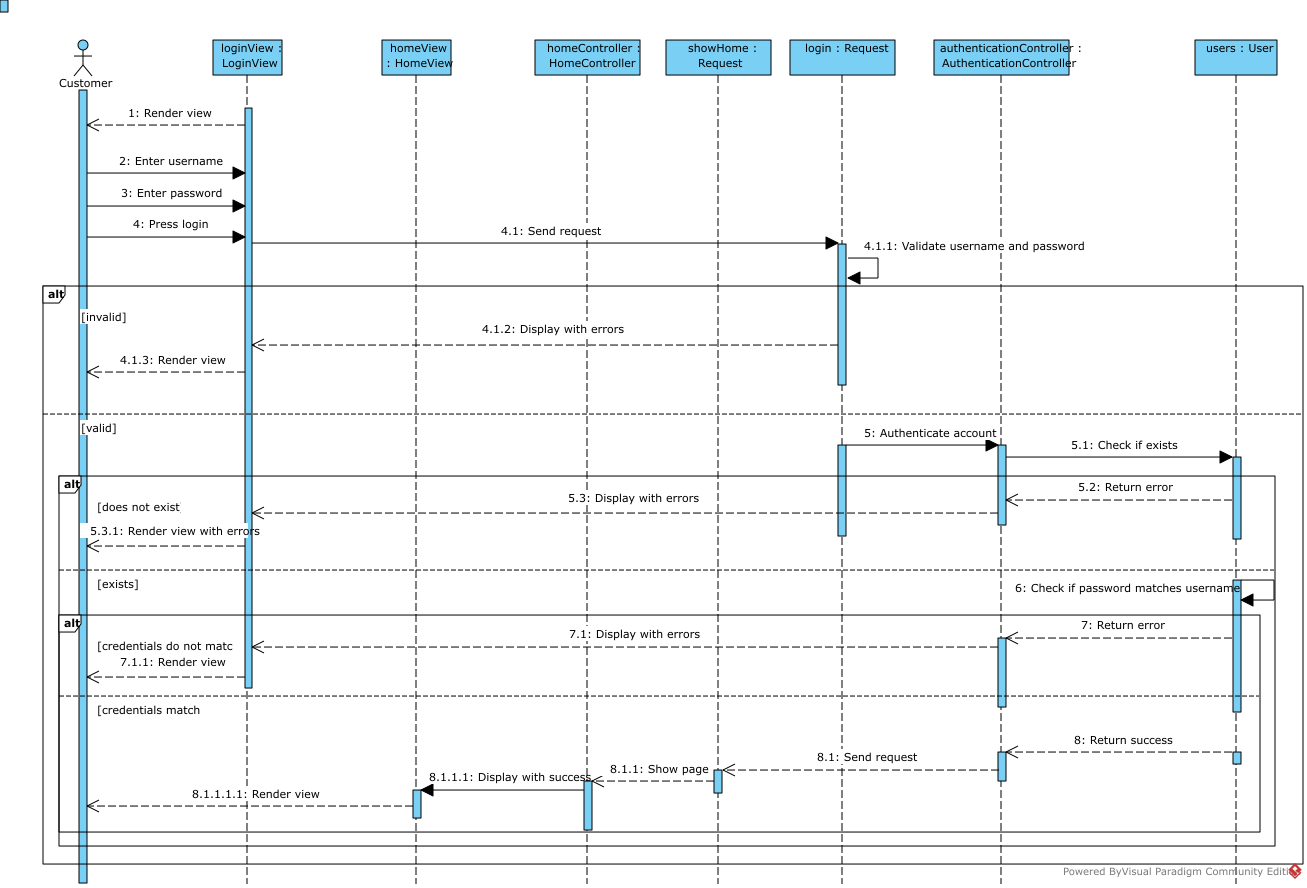


### Accounts

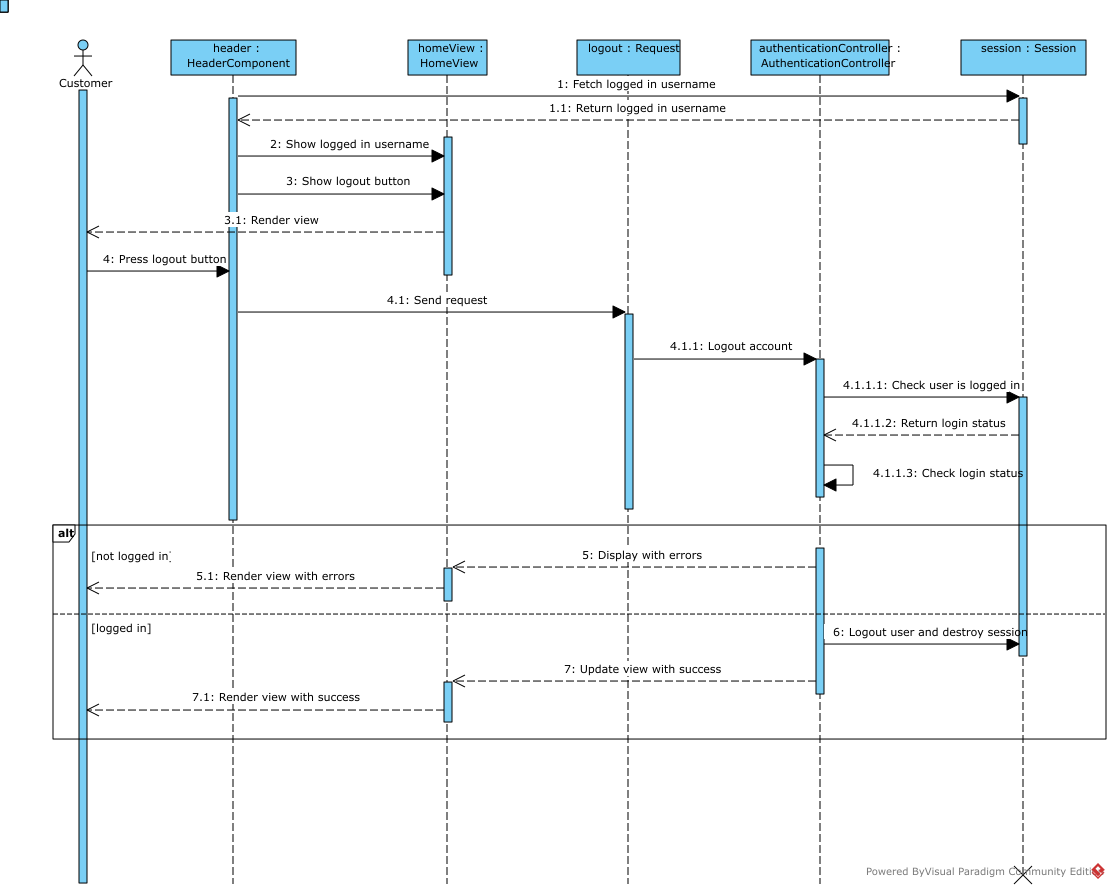
#### Register



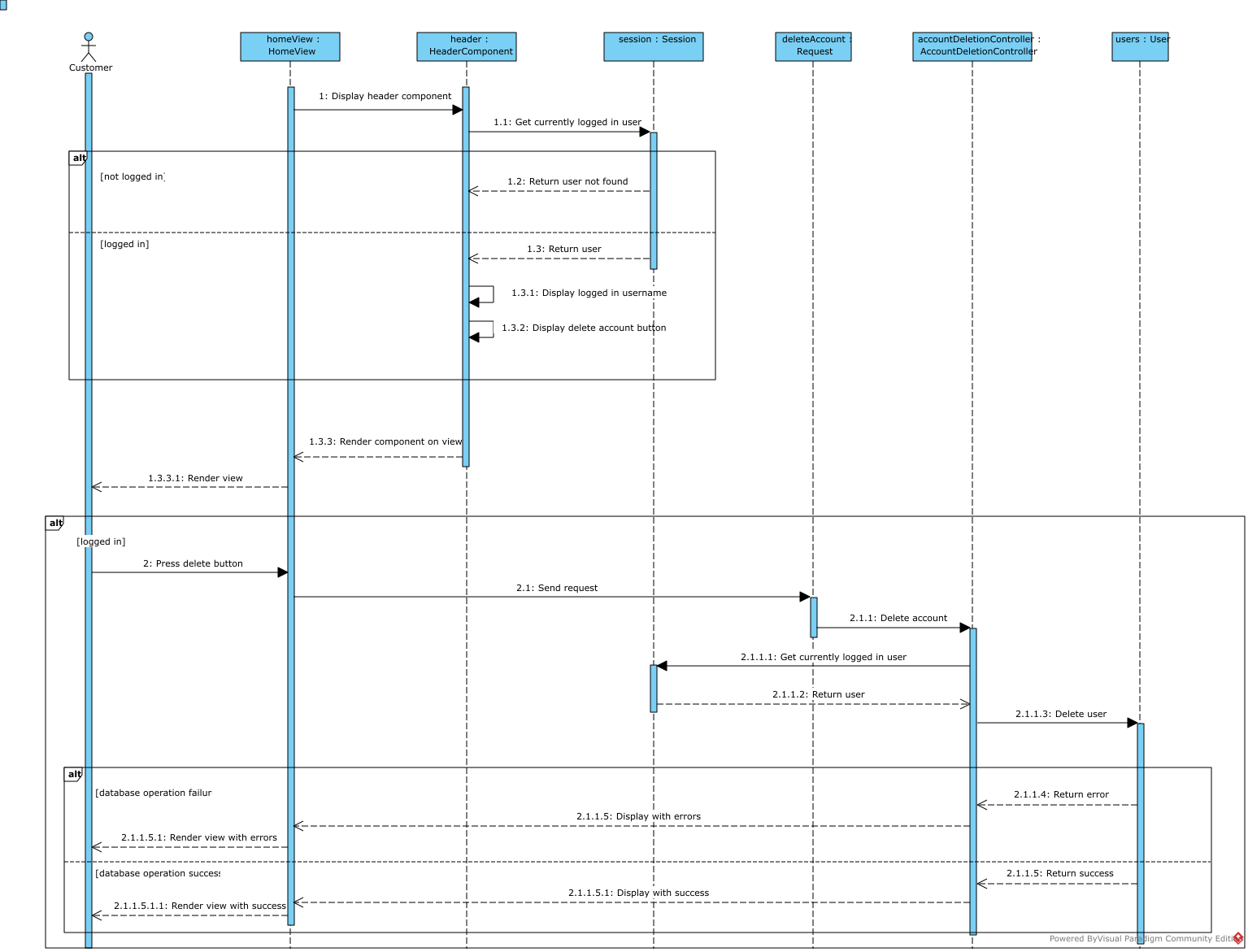
#### Login



#### Logout



#### Account Deletion



# Algorithm Flowcharts

# Test Strategy