# CS 255 System Design Document Template

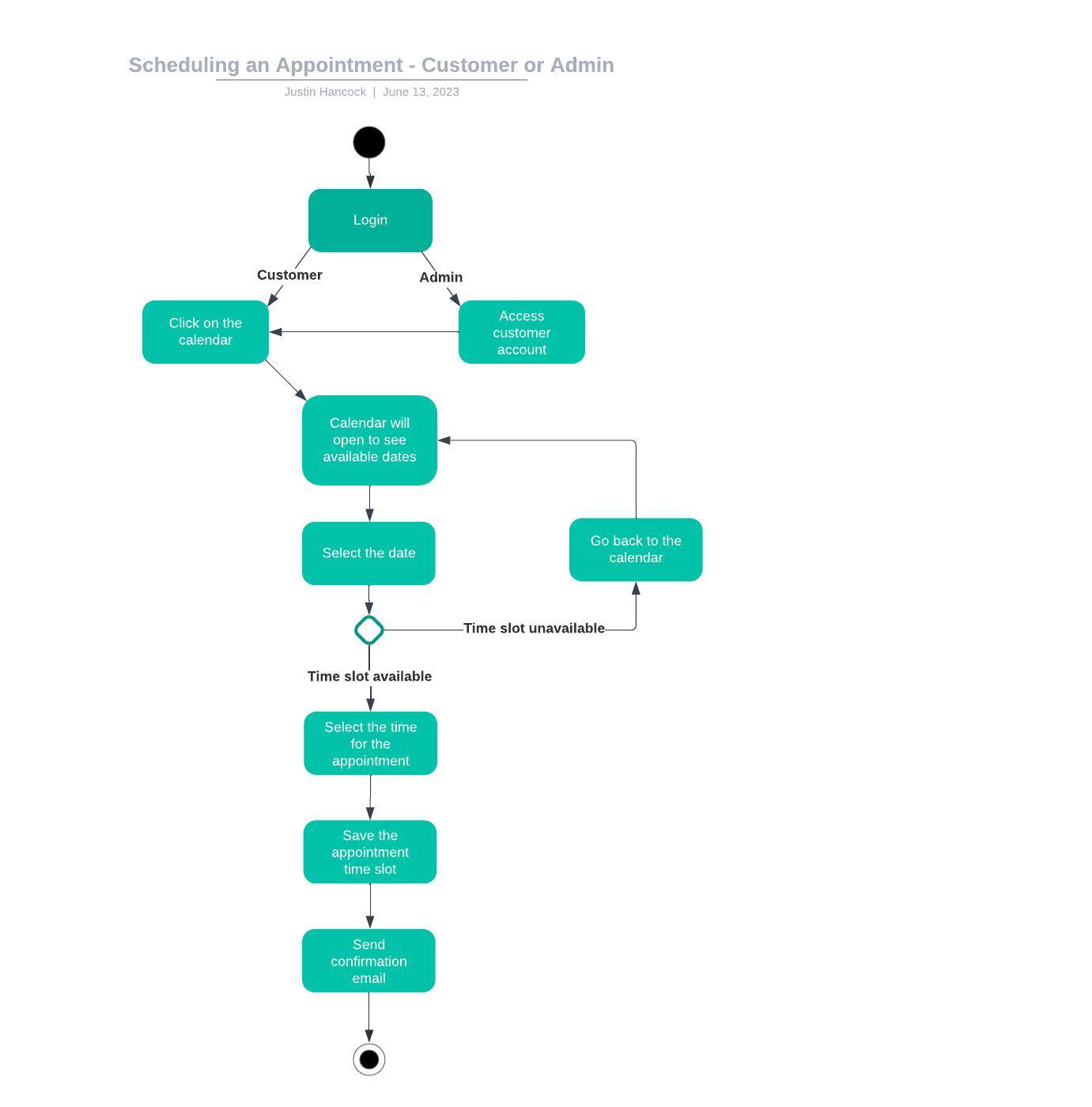
## UML Diagrams

### UML Use Case Diagram

A picture containing text, diagram, line, parallel

Description automatically generated

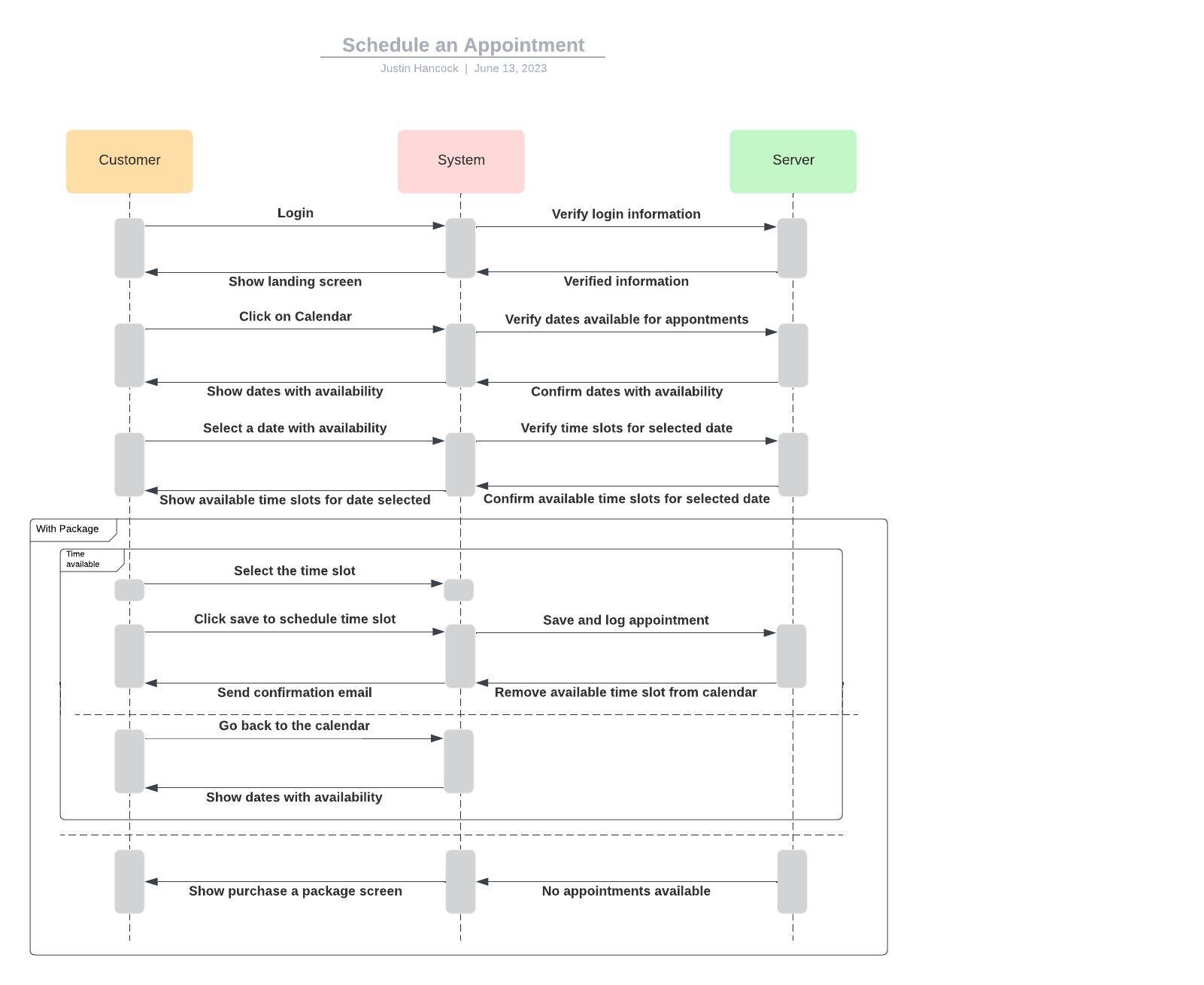
### UML Activity Diagram – Scheduling an Appointment



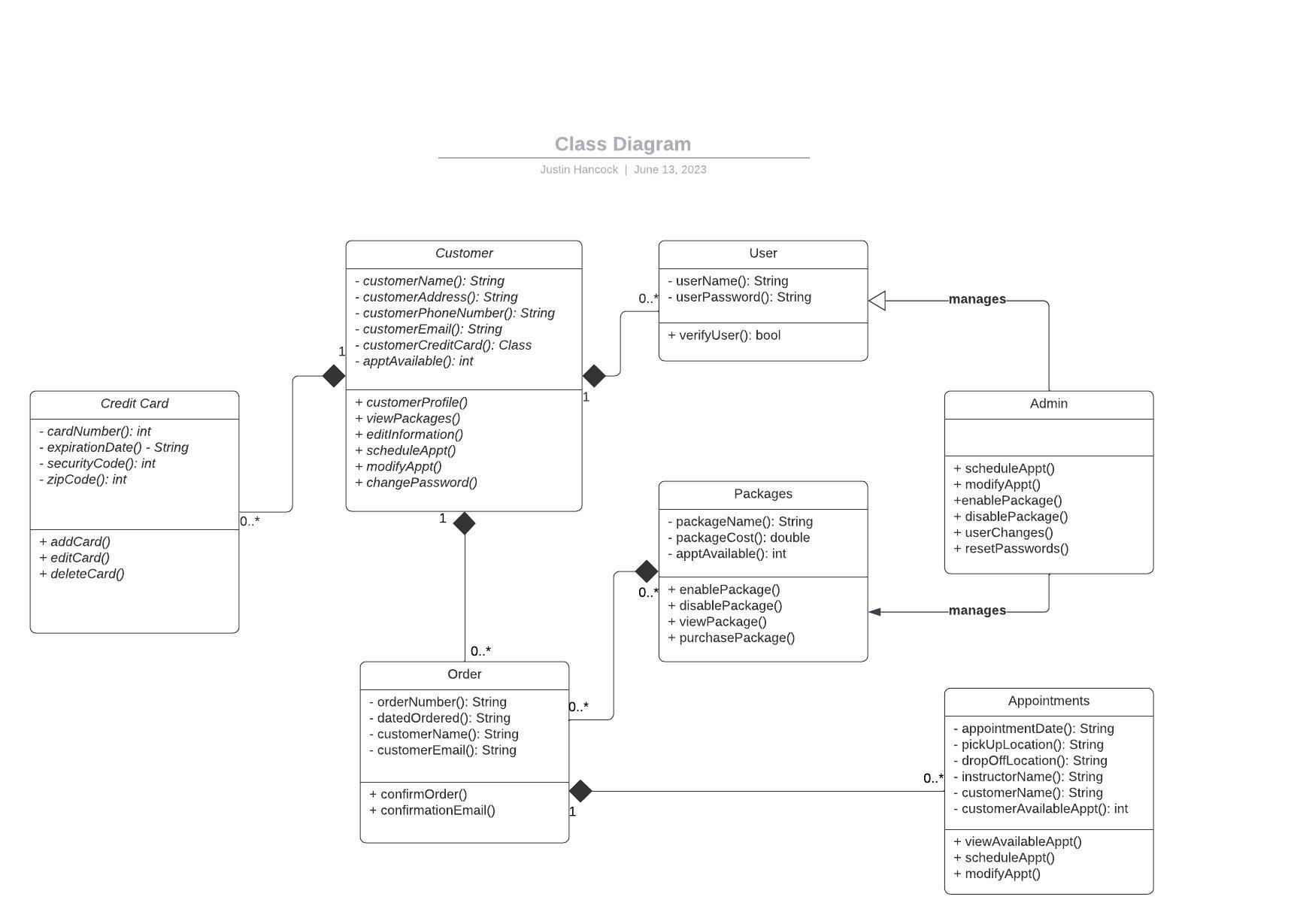
### UML Activity Diagram – Purchasing a Package

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### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

**Hardware needed:**

* Customer must have access to a web browser through a computer, laptop, tablet, or phone.
* DriverPass must have access to a web browser through a computer, laptop, tablet, or phone for their administrator to use.

**Software needed:**

* Web browsers such as: Chrome, Internet Explorer, Edge, Safari, etc.
* Payment processing software.

**Tools needed:**

* Strong internet connection.

**Infrastructure needed:**

* Cloud server database will give the system a better way to stay online with minimal downtime.
* Accessibility of the DMV database to upload new data instantly.
* The ability to translate the website into multiple languages.