

BookKeeper - UML and Use Case Diagrams

Project:

Campus Booking System

Prepared for:

Lori Hogan

Software Engineering Instructor

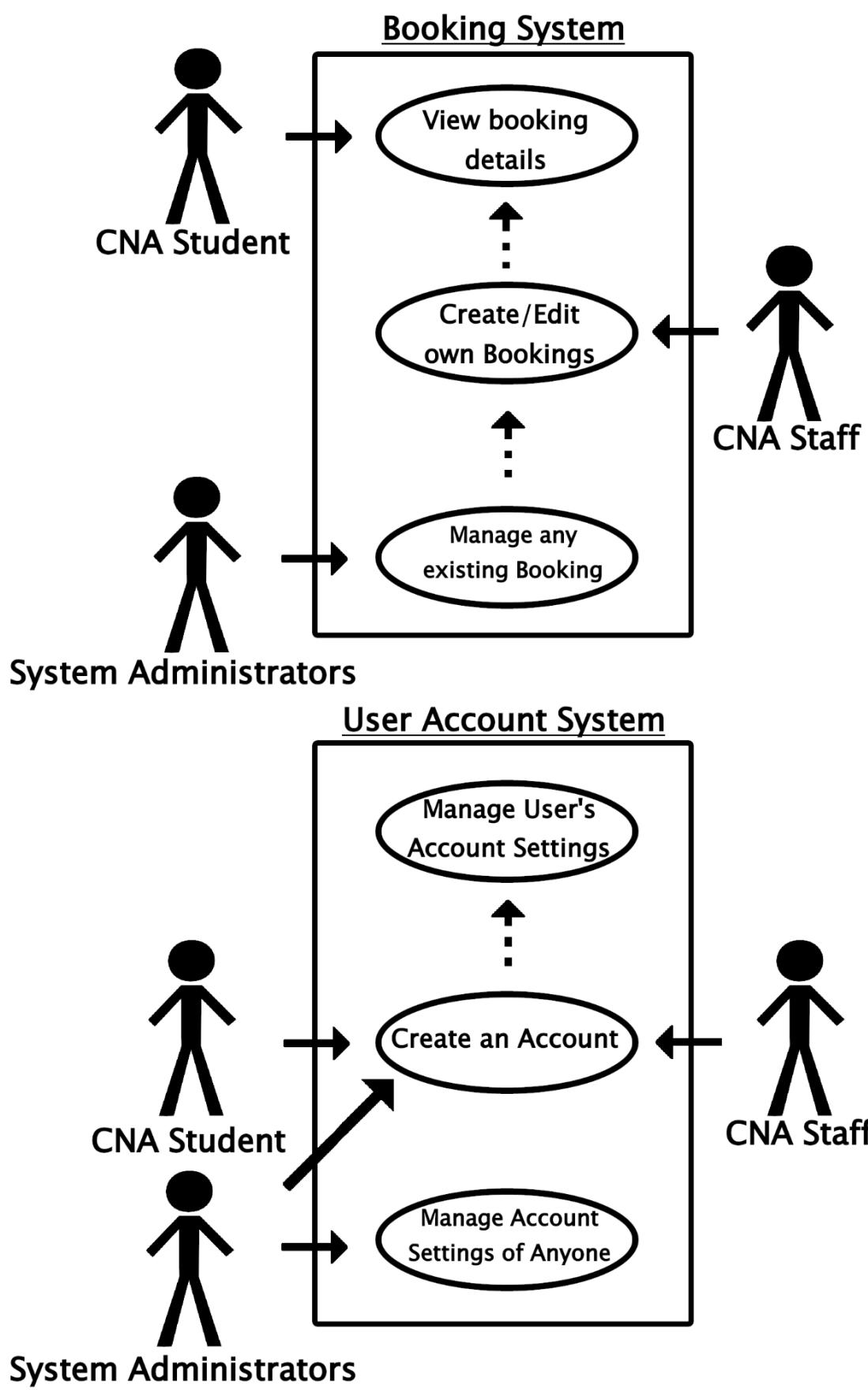
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Team Members:

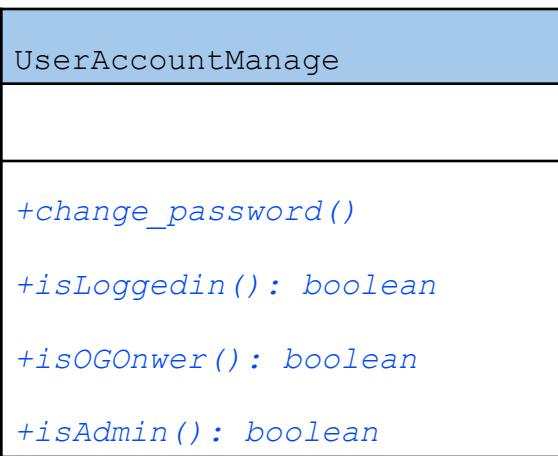
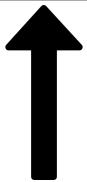
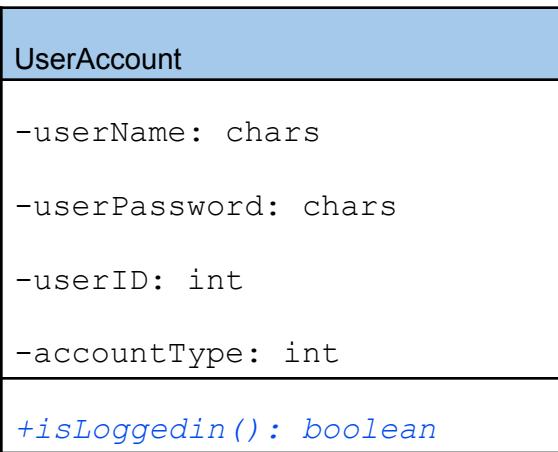
Justin Feehan, Morgan Feehan

Date:

November 4th 2025



<p>1.</p> <p>Pre: Student should be able to use GUI to view bookings</p> <p>Post: Student should be able to see bookings created by Staff and Administrators</p>	<p>4.</p> <p>Pre: Student has an account created</p> <p>Pre: That account belongs to the same ID as the Student</p> <p>Pre: New Password is not the same to the old password</p> <p>Post: Changes to the Students account are applied</p>
<p>2.</p> <p>Pre: Staff has Booking Manage access</p> <p>Pre: Staff can only manage bookings that belong to that staff member</p> <p>Pre: Booking settings do not conflict with other Bookings made by others</p> <p>Post: Booking information is published and added into the GUI</p>	<p>5.</p> <p>Pre: User doesn't have an already existing account</p> <p>Pre: User must provide info to decide which account type they are (Student, Staff, Admin)</p> <p>Pre: User must enter a secure password</p> <p>Post: The account is created and added to the database</p>
<p>3.</p> <p>Pre: Admin has Booking Manage access</p> <p>Pre: Booking settings do not conflict with other Bookings</p> <p>Post: Booking changes and information is published and added into the GUI</p>	<p>6.</p> <p>Pre: Admin has Account Management access</p> <p>Pre: Desired Account to manage must exist</p> <p>Post: The changes are made to the account and are registered</p>



BookingCreate

```
-roomNum: int  
-timeStart: int  
-timeEnd: int  
-creationDate: date  
-author: char  
-eventName: char  
-bookingID: int
```

+isStaff(): boolean

+isAdmin(): boolean



BookingManage

+isOGCreator(): boolean

+isAdmin(): boolean

+bookDelete(): boolean