

Use Case ID	1
Actor	User
Preconditions	<ul style="list-style-type: none"> <li>- Application is on “Login” page.</li> <li>- No users are currently logged in.</li> </ul>
Normal course	<ol style="list-style-type: none"> <li>1. User clicks login button</li> <li>2. System moves to “Login Active” state</li> <li>3. User inputs username and password</li> <li>4. User clicks button to submit form</li> <li>5. System checks for existing user</li> <li>6. System “logs in” user</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>5. System checks for existing user</li> <li>6. System recognizes user has “admin” privilege</li> <li>7. System “logs in” admin</li> </ol> <ol style="list-style-type: none"> <li>1. User clicks login button</li> <li>2. System moves to “Login Active” state</li> <li>3. User clicks back button</li> <li>4. Page returns to “login” page</li> </ol>
Exception courses	User enters incorrect information. System moves to “incorrect login info” state
Post-conditions	System moves to “user logged in” state
Frequency of use	Very frequently
Assumptions	System is able to successfully “log in” user.

Use Case ID	2
Actor	User
Preconditions	- Application is in “login” state
Normal course	<ol style="list-style-type: none"> <li>1. User clicks “Forgot Username?” link</li> <li>2. System moves to “Account Recovery” state</li> <li>3. User inputs email and submits form</li> <li>4. System checks database for email and matching username</li> <li>5. System erases password associated with email</li> <li>6. System uses email service to send recovery email to user email address</li> <li>7. System moves to “Recovery Email Sent” state</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. User clicks “Forgot Username?” link</li> <li>2. System moves to “Account Recovery” state</li> <li>3. User clicks “Back” button</li> <li>4. System returns to “Login” state</li> </ol>
Exception courses	<ul style="list-style-type: none"> <li>- User enters email. Email not found in database. Error message returned.</li> <li>- User email is associated with “admin” account. Error message returned.</li> </ul>
Post-conditions	System is in “Recovery Email Sent” state Password cleared from database.
Frequency of use	Uncommon
Assumptions	Email service is set up with system.

Use Case ID	3
Actor	User
Preconditions	System is in “Login” state
Normal course	<ol style="list-style-type: none"> <li>1. User clicks “Forgot Password?” link</li> <li>2. System moves to “Account Recovery” state</li> <li>3. User inputs email and submits form</li> <li>4. System checks database for email and matching username</li> <li>5. System erases password associated with email</li> <li>6. System uses email service to send recovery email to user email address</li> <li>7. System moves to “Recovery Email Sent” state</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. User clicks “Forgot Password?” link</li> <li>2. System moves to “Account Recovery” state</li> <li>3. User clicks “Back” button</li> <li>4. System returns to “Login” state</li> </ol>
Exception courses	<ul style="list-style-type: none"> <li>- User enters email. Email not found in database. Error message returned.</li> <li>- User email is associated with “admin” account. Error message returned.</li> </ul>
Post-conditions	System is on “Recovery Email Sent” state Password cleared from database.
Frequency of use	Uncommon
Assumptions	Email service is set up with system.

Use Case ID	4
Actor	User
Preconditions	System is in “Login” state
Normal course	<ol style="list-style-type: none"> <li>1. User clicks toggles “stay logged in” switch</li> <li>2. User submits login information</li> <li>3. System checks database for correct login info</li> <li>4. System changes user data, StayLoggedIn, to true</li> <li>5. Systems logs-in user</li> <li>6. Redirect page to user account</li> </ol>
Alternate courses	
Exception courses	User login info not found in database. Error message returned.
Post-conditions	<ul style="list-style-type: none"> <li>- System redirects to user account page.</li> <li>- User data: StayLoggedIn, changed to true</li> </ul>
Frequency of use	Common
Assumptions	Database is correctly linked to web application.

Use Case ID	5
Actor	User
Preconditions	User has entered an incorrect username and/or password
Normal course	<ol style="list-style-type: none"> <li>1. System checks database for username and password</li> <li>2. System does not find a valid username / password combination</li> <li>3. System moves to “Incorrect Login Info” state</li> </ol>
Alternate courses	
Exception courses	
Post-conditions	System is now in “Incorrect Login Info” state
Frequency of use	Common
Assumptions	Input username / password combination is not found in database

Use Case ID	6
Actor	User
Preconditions	Application is on a page with a menu icon.
Normal course	<ol style="list-style-type: none"> <li>1. User clicks menu icon</li> <li>2. System moves to “Menu Active” state</li> <li>3. User selects page</li> <li>4. System redirects to selected page</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. User clicks menu icon</li> <li>2. System moves to “Menu Active” state</li> <li>3. User clicks menu icon</li> <li>4. System returns to previous state</li> </ol>
Exception courses	<ol style="list-style-type: none"> <li>1. User selects page</li> <li>2. Page does not exist</li> <li>3. Redirect to 404 page</li> </ol>
Post-conditions	Application is now on selected page.
Frequency of use	Very Common
Assumptions	

Use Case ID	7
Actor	New User
Preconditions	System is in “Login” state
Normal course	<ol style="list-style-type: none"> <li>1. User clicks “Sign-up” button</li> <li>2. System moves to “Signup Active” state</li> <li>3. User inputs desired username and password</li> <li>4. System checks for correct formatting</li> <li>5. System checks database for duplicate username</li> <li>6. System inputs new user info into database</li> <li>7. System moves to “Registration Successful” state</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. User clicks “Sign-up” button</li> <li>2. System moves to “Signup Active” state</li> <li>3. User clicks “Back” button</li> <li>4. System returns to “Login” state</li> </ol>
Exception courses	<ol style="list-style-type: none"> <li>5. System checks database for duplicate usernames</li> <li>6. System finds duplicate username</li> <li>7. System moves to “Registration Error” state</li> </ol> <ol style="list-style-type: none"> <li>1. User inputs desired username and password</li> <li>2. System checks for correct formatting</li> <li>3. System recognizes incorrect formatting</li> <li>4. System moves to “Registration Error” state</li> </ol>
Post-conditions	System is in “registration successful” state
Frequency of use	Uncommon
Assumptions	Application is correctly linked to user database

Use Case ID	8
Actor	New User
Preconditions	System is in “registration form” state
Normal course	<ol style="list-style-type: none"> <li>1. User inputs personal info</li> <li>2. System checks info for correct formatting</li> <li>2. System inputs new user info into database</li> <li>3. System moves to “Registration Successful” state</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. User clicks “Sign-up” button</li> <li>2. System moves to “Registration Successful” state</li> <li>3. User clicks “Back” button</li> <li>4. System moves to “Login” state</li> </ol>
Exception courses	<ol style="list-style-type: none"> <li>1. User inputs personal info</li> <li>2. System checks info for correct formatting</li> <li>3. System recognizes incorrect formatting</li> <li>4. System moves to “Registration Error” state</li> </ol>
Post-conditions	System is in “Registration Successful” state
Frequency of use	Uncommon
Assumptions	Application is correctly linked to user database



Use Case ID	9
Actor	Admin
Preconditions	Application is in “login” state
Normal course	<ol style="list-style-type: none"> <li>1. Admin clicks “login” button</li> <li>2. System moves to “Login Active” state</li> <li>3. Admin inputs login information</li> <li>4. Admin submits login information</li> <li>5. System checks database for correct login information</li> <li>6. Page redirects to admin account page</li> </ol>
Alternate courses	<ol style="list-style-type: none"> <li>1. Admin clicks “login” button</li> <li>2. System moves to “Login Active” state</li> <li>3. Admin inputs login information</li> <li>4. Admin submits login information</li> <li>5. System checks database for correct login information</li> <li>6. System detects login information is for “user” privilege account</li> <li>7. Page redirects to user account page</li> </ol>
Exception courses	<ol style="list-style-type: none"> <li>1. Admin submits login information</li> <li>2. System checks database for correct login information</li> <li>3. System does not find login information</li> <li>4. System moves to “Incorrect Login Info” state</li> </ol>
Post-conditions	Admin account page is displayed
Frequency of use	Common
Assumptions	Application is correctly linked to user database