**Use Case**

**Name:** Login Page  **ID:** UC-1

**Created:** Nov. 10, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** Senior Account Managers, Account Managers or Inn Owners

**Description:** A webpage used to gather user information required for authentication

**Trigger:** The actor would like to login to the system.

**Type:** Internal

**Preconditions:**

1. Database records exist which hold fields used to authenticate users.
2. The actor is on the right web page to perform this action.

**Normal Course:**

N1. The actor fills out all the required fields and the system authenticates the actor.

1. The web page contains the following fields.
   1. Username field, the Actor types in their username. Required. Unique.
   2. Password field, the Actor types in their password. Required.
2. The Web Page contains a login button. The button is inactive until all the required fields have been filled.
3. The actor clicks this button.The system compares credentials provided by the actor to those stored in the database.

**Post Conditions:**

P1. The Actor is logged in to the system

1. The Senior Account manager or Account manager gets redirected to the Accounts Manager page. See **UC-2**.
2. The Inn Owner gets redirected to the Inn Owners page. See **UC-7**.

**Exceptions:**

E1. The system fails to authenticate the actor and prints out an error message saying, “Credentials entered do not match our records”.

**Notes:** There is no button or link to recover credentials. The actor must contact management to do so.**Use Case**

**Name:** Accounts Manager Page **ID:** UC-2

**Created:** Nov. 4, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** Senior Account Managers or Account Managers

**Description:** The Senior Account Manager or Account Manager generates a report for an Inn Owner

**Trigger:** Inn Owner requests a marketing report to be generated for them.

**Type:** Internal

**Preconditions:**

1. The actors are on the right web page to perform this action.

**Normal Course:**

N1. The actor fills out all the required fields and generates the report.

1. The web page contains the following fields.
   1. Senior Account Manager or Account Manager specifies which Inn Owner the report is generated from a drop-down menu. Required.
   2. Senior Account Manager or Account Manager specifies the date range the report is generated from a JavaScript Calendar. Required.
   3. Senior Account Managers or account manager specifies any combination of sources the report is generated from. Required a minimum of one source.
      1. Checkboxes will be used to choose from the following sources.Possible Sources: Google Analytics, MailChimp, Facebook, Cart Stack, Trip Tease, Think Reservations.
2. The Web Page contains a generate button. The button is inactive until all the required fields have been filled. The actor submits by clicking this button.

**Post Conditions:**

P1. The report is Generated Successfully.

1. Inn Owner is logins to their account to see the report that was generated by the Senior Account Manager or Account Manager. **UC-7.**

**Exceptions:**

E1. The report already exists – upon generating the report, a message will let the Senior Account Manager or Account Manager know that this report already exists.

**Notes:** Each Inn Owner will have a unique page generated for them and their reports.

**Use Case**

**Name:** Editing Page **ID:** UC-3 **Priority:** H

**Created:** Nov. 12, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user is permitted access to add, update, or delete users by clicking the add, update, or delete buttons on the editing page.

**Trigger:** The Senior Account Manager wants to add, update, or delete any other users.

**Type:** External

**Preconditions:**

1. The user is authenticated and logged into the system.
2. The user is on the correct screen/form to perform this action.

**Normal Course:**

N1. The user clicks either the add, update, or delete button on the editing web form.

1. The form contains the following buttons: Add, Update, or Delete
   1. If the “Add” button is clicked, the page will redirect to the “Add User Page” which allows the user to add new user records to the database. See **UC-4**.
   2. If the “Update” button is clicked, the page will redirect to the “Update User Page” which allows the user to add new user records to the database. See **UC-5**.
   3. If the “Delete” button is clicked, a message box will be displayed warning the user of the implications of deletion. Users will be prompted to either confirm or cancel the request to delete records from the database.
      1. If user confirms request to delete user records to the database. See **UC-6**.
      2. If user cancels request, message box is hidden and nothing else happens.
   4. If no button is clicked, the user will remain on the same page until further action takes place or the user leaves the page.

**Post Conditions:**

P1. If the button is clicked the user will be at the page desired.

1. If page loads and has fields that can be edited, then it was successful.

**Exceptions:**

**Use Case**

**Name:** Add User Page **ID:** UC-4 **Priority:** High

**Created:** Nov. 14, 2019 **Last Modified:** Nov. 14, 2019

**Actor:** System User

**Description:** The user enters the information needed to create a new user that will have access to reports.

**Trigger:** The Senior Account Manager would like to create a new user for the system.

**Type:** External

**Preconditions:**

1. The user is on the right screen/form to perform this action.
2. The user is authorized to access the form that allows them to create new users.
3. The “Add” button has been clicked on the editing form and the new page has loaded.

**Normal Course:**

N1. The user fills out the form with the necessary information needed to create a new user.

1. The form contains the following required fields: First name, last name, title, and email. These will all be VARCHAR (255) datatype.
   1. If any of the required fields are empty, a field is filled with invalid characters or exceeds the length specified by the data type, then a red caption is displayed to warn the user of invalid entry.
   2. The submit button will not be activated unless all the required fields are provided and valid.
2. The user clicks the submit button. The following actions can occur:
   1. The user already exists, see E1.
   2. The user information is recorded in the system.

**Post Conditions:**

P1. Successful submission of the user form.

1. A message box is displayed on the screen notifying the user that the submission has been successful.
2. The user information is recorded and stored in the database.

**Exceptions:**

E1 – The user account already exists within the database.

1. The user is notified that the account already exists and is given the option to update the information if needed.
2. Nothing is recorded in the database in this scenario.