Possible Actors: Guest, Employee, Customers, and Administrator

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| **Name** | Login |
| **Brief Description** | A Bookings Employee of the System logs in to the System. |
| **Actor(s)** | Guest, Logged In Employee |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when a system Guest is not logged in to the system and goes to the login page.   1. The System prompts the Guest for a username and password or register new account 2. The Guest enters his/her username and password. 3. The system validates the entered username and password, making sure that the entered username is a valid username in the System, and that the required password is entered for the entered username. 4. The Guest is signed in and returned to the home page as a Logged in Guest. 5. The use case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| User Fails Authentication | If the Guest entered an invalid username and/or password, the following occurs:   1. The system describes the reasons why the Guest failed authentication. 2. The system presents the Guest with suggestions for changes necessary to allow the Guest to pass authentication. 3. The system prompts the Guest to re-enter the valid information. 4. The Basic Flow continues where the Guest enters new information (see step 2 of the Basic Flow). |
| **Pre-Conditions** | |
| **Title** | **Description** |
| (none) |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The Guest is authenticated as an Employee, and the system displays a home page based on the user type. |
| Failure | Guest is unable to log in for one or more reasons. |
| **Extension Points** | |
| None | |

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| **Name** | Register |
| **Brief Description** | A new user of the Booking System creates an account |
| **Actor(s)** | Guest |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when a system Guest is not logged in to the system and goes to the login page.   1. The System prompts the user for a username and password or register new account. 2. The Guest selects registration option. 3. The System prompts user for registration information, Username, password, etc 4. The Guest enters in their information. 5. System verifies information and creates account. 6. The use case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| Cancel Registration | 1. The Guest selects the cancel option. 2. The system returns the Guest to the home page without the Guest being logged in and any information entered has been erased. |
| Invalid Information Entered | 1. Guest clicks submit after entering information system asked for. 2. System displays information with appropriate message to correct invalid information. 3. Guest re-enters information. |
| **Pre-Conditions** | |
| **Title** | **Description** |
| (none) |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The user entered successful information and is returned to the home page as a Logged in User |
| Failure | Guest is unable to log in for one or more reasons and is returned to the home page as a Guest. |
| **Extension Points** | |
| None | |

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| **Name** | Search Employees |
| **Brief Description** | A Registered employee of the Booking Agile System can search the database for employees |
| **Actor(s)** | Employee |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an administrator accesses the “Search" function of the system.   1. The system asks the Administrator to enter the appropriate information for the Employee to be entered (e.g. Name, Employee ID, Cities(s), etc...). 2. Registered Employees enters appropriate information and clicks submit. 3. System validates database information. 4. Search submits details on the search. 5. Use Case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| Invalid Information Entered | 1. The system displays an “Invalid Information” error after the user submits the information and asks the Registered Employees to re-enter the information. 2. Registered Employees re-enters information and clicks submit. |
| Cancel Search | 1. Administrator clicks cancel after selecting the “Search” feature. 2. System returns Registered Employees to home panel. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The search brings up the information from the database. |
| Failure | The Search does not bring up any information. |
| **Extension Points** | |
| None | |

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| **Name** | Search Customers |
| **Brief Description** | A Registered user of the Booking Agile System can search the database for customers |
| **Actor(s)** | Employee |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an administrator accesses the “Search" function of the system.   1. The system asks the Administrator to enter the appropriate information for the Customers to be entered (e.g. Name, Employee ID, Cities(s), etc...). 2. Registered Employees enters appropriate information and clicks submit. 3. System validates database information. 4. Search submits details on the search. 5. Use Case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| Invalid Information Entered | 1. The system displays an “Invalid Information” error after the user submits the information and asks the Registered Employees to re-enter the information. 2. Registered Employees re-enters information and clicks submit. |
| Cancel Search | 1. Administrator clicks cancel after selecting the “Search” feature. 2. System returns Registered Employees to home panel. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The search brings up the information from the database. |
| Failure | The Search does not bring up any information. |
| **Extension Points** | |
| None | |
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| **Name** | Edit the Database |
| **Brief Description** | A administrator of the System modifies an existing employee in the database |
| **Actor(s)** | Administrator |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an administrator accesses the “Edit Employee” feature of the system.   1. The System displays the current list of Employees. 2. The Administrator selects the Employee he/she wants to edit. 3. The system displays the corresponding information to the employee selected. 4. The Administrator edits the information accordingly and submits. 5. The system updates the information. 6. Use Case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| Cancel Edit Game | 1. Administrator selects the “Cancel” option. 2. System returns Administrator to administration panel. |
| Invalid Entry | 1. The system displays an “Invalid Information” error after the user submits the information and asks the Administrator to re-enter the information. 2. Administrator re-enters information and clicks submit. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The new Employee information is changed. |
| Failure | Employee information is unchanged. |
| **Extension Points** | |
| None | |

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| **Name** | Shopping Cart |
| **Brief Description** | An employee views shopping cart |
| **Actor(s)** | Employee |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when a logged in employee accesses the “Shopping Cart” feature of the system.   1. The System displays all the items in the shopping cart. 2. The employee verifies and submits 3. The system displays the items and asks employee to verify with customers 4. The Customer verifies and submits. 5. The system updates the information and moves to billing. 6. Use Case ends. | |
| **VAlternate Flows** | |
| **Title** | **Description** |
| Cancel Comment | 1. Employee selects the “Cancel” option. 2. System returns user to home page. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The items are successfully added |
| Failure | The items are not added |
| **Extension Points** | |
| None | |

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| --- | --- |
| **Name** | Search |
| **Brief Description** | An Employee searches for a book title |
| **Actor(s)** | Employee |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an Employee accesses the “Search” feature of the system.   1. The System displays the search submission box 2. The Guest enters search criteria and submits 3. The system displays results 4. Use Case ends. | |
| **Alternate Flows** | |
| **Title** | **Description** |
| Cancel Comment | 1. Employee selects the “Cancel” option. 2. System returns Guest to Home page. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The search is successfully executed |
| Failure | The search fails for one or more reasons |
| **Extension Points** | |
| None | |

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| --- | --- |
| **Name** | Customer Billing |
| **Brief Description** | An employee sets up customer billing |
| **Actor(s)** | Employee, Customer |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an logged in employee accesses the “Billing” feature of the system.   1. The System displays all the items in the shopping cart and requested all the customers information. 2. The employee enters, verifies, and submits the collected information into the system 3. The system displays the collected information and asks employee to verify what type of payment 4. The employee collects payment. 5. The Customer verifies and electronically sign. 6. The system updates the information and moves to shipping. 7. Use Case ends. | |
| **VAlternate Flows** | |
| **Title** | **Description** |
| Cancel Comment | 1. Employee selects the “Cancel” option. 2. System returns user to home page. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The Billing is successfully processed |
| Failure | The Billing information is not added |
| **Extension Points** | |
| None | |

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| --- | --- |
| **Name** | Shipping |
| **Brief Description** | An employee sets up Shipping |
| **Actor(s)** | Employee, Customer |
| **Flow of Events** | |
| **Basic Flow** | |
| This use case starts when an logged in employee accesses the “shipping” feature of the system.   1. The System displays all the items that need to be shipped and requested verification of all the customers shipping information. 2. The employee enters, verifies, and submits the collected information into the system 3. The system displays the collected information and asks employee to verify shipping is successful. 4. The Customer verifies and electronically sign. 5. The system updates the information and starts shipping procedures. 6. Use Case ends. | |
| **VAlternate Flows** | |
| **Title** | **Description** |
| Cancel Comment | 1.Employee selects the “Cancel” option.  2.System returns user to home page. |
| **Pre-Conditions** | |
| **Title** | **Description** |
|  |  |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | The Shipping is successfully processed |
| Failure | The Shipping information is not added |
| **Extension Points** | |
| None | |