**SERVICE GENERAL**

**Use Case Specification Document**

**Author: Team 3**

# Revision History

| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| --- | --- | --- | --- |
| 11/16/2021 | 1.0 | Sriram Rakshith Kolar | Initial Draft |
| 11/16/2021 | 2.0 | Harrison Yang | Corrected language. Added 2.03 Assumptions. Removed Alternative Course |
| 11/22/2021 | 3.0 | Rujul Inamdar | Modified the 3.2 Close Language |
| 11/22/2021 | 4.0 | Artsiom Naslednikau | Updated 2.01 Search by Location requirement specification table |
| 11/23/2021 | 5.0 | Tanvi Joshi | Updated 2.2 Search by Service requirement specification table with crosscuts and also Corrected language. |
| 11/23/2021 | 6.0 | Harrison | Corrected Language to present tense |

# UC.02.01 Search By Location

| **Actor(s):** | Consumer, Service Provider, Tech Specialist |
| --- | --- |
| **Short Description:** | This use case begins when the Actor wants to initiate a search for a service and the use case ends when the consumer service providers are displayed. |
| **Pre-conditions:** | The Actor should be logged into the system, should have a valid account. |
| **Post-conditions:** | The search results are successfully displayed |
| **Frequency of Use:** | Medium |
| **Normal Course of Events:** | |
| 1. The use case begins when the Actor clicks the search bar and inputs a location. the system then processes the input. **[JP 1 : DF-In]** 2. The Actor clicks the search button. The system then displays the list of matching services 3. The Actor selects the desired service. **[JP 2 : DDV]** 4. The system displays the service page. 5. Use Case Ends | |
| **Alternative Course:** | |
|  | |
| **Exceptions:** | |
| E1. Actor searches for a service that is not in the system.   1. The system suggests other service providers or asks the user to search for valid services.   E2. The system does not display the search results:   1. The system displays an error message to the user and prompts them to select an alternative service and the use case continues from step 2. | |
| **<<Include>> Relationships:** | No |
| **<< Extend>> Relationships:** | No |
| **Assumptions:** | User will enter a valid location |

# UC.02.03 Search By Service

| **Actor(s):** | Consumer, Service Provider, Tech Specialist |
| --- | --- |
| **Short Description:** | This use case begins when the Actor wants to search for a particular service. The use case ends when the consumer service providers are displayed the user searched for. |
| **Pre-conditions:** | The consumer should be logged into the system, should have a valid account. |
| **Post-conditions:** | The search results are successfully displayed |
| **Frequency of Use:** | High |
| **Normal Course of Events:** | |
| 1. The use case begins when the Actor clicks the search bar and inputs a service name to get the desired services from the service providers.   **[JP 1 :DF-In]**   1. The Actor clicks the search button, The system displays all lists of matching services after the search button is clicked. 2. The Actor selects the desired service. **[JP 2 : DDV]** 3. The system displays the service page. **[JP 3 : DF-Out]** 4. Use Case Ends | |
| **Alternative Course:** | |
|  | |
| **Exceptions:** | |
| * E1. Actor searches for a service that is not available in the application.   + This exception arrives from step 2 in the course of events when the consumer enters an invalid service name.   + This is handled by an alert mentioning the service is not available. * If DB doesn’t contain the combination of the service and/or the location, the user gets the message “Providers not found”. | |
| **<<Include>> Relationships:** | No |
| **<< Extend>> Relationships:** | No |
| **Assumptions:** | User will enter a valid service |

# UC.03.01 Create Advertisement SR

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| **Actor(s):** | Service Provider, Tech Specialist |
| --- | --- |
| **Short Description:** | This use case begins when the Service Provider wants to display advertisements about his service. The use case ends when the service provider successfully submits a request to the system and the same advertisement is displayed on the home page. |
| **Pre-conditions:** | The Actor should be logged into the system using a valid service provider account. |
| **Post-conditions:** | The request for an advertisement is successfully submitted and displayed on the home page. |
| **Frequency of Use:** | Low |
| **Normal Course of Events:** | |
| 1. The use case begins when the Actor clicks on the advertisement tab on the navigation bar. A form appears to be filled by the Actor. **[JP1 : DF-Out]** 2. The Actor fills all the required fields in the form. **[JP2: FV, DDV]** 3. The Actor will click on the submit button to submit the request to the system. 4. The system creates an alert stating the request has been submitted successfully and the system displays the advertisement on the home page.**[JP3 : DF-Out]** 5. Use case ends | |
| **Alternative Course:** | |
|  | |
| **Exceptions:** | |
| * The fields in the form may not be properly filled. The Data Dependency Validation crosscut takes care of this exception by not allowing the actor to submit his request until all fields are properly filled. | |
| **<<Include>> Relationships:** | No |
| **<< Extend>> Relationships:** | No |
| **Assumptions:** |  |

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# UC.03.02 Close Advertisement SR

| **Actor(s):** | Service Provider, Tech Specialist |
| --- | --- |
| **Short Description:** | The System deletes the advertisement board once the last date has crossed. |
| **Pre-conditions:** | An advertisement board exists on the home page. |
| **Post-conditions:** | The advertisement is no longer active on the home page |
| **Frequency of Use:** | Low |
| **Normal Course of Events:** | |
| 1. The use case begins when **System** checks for the advertisement end date at the start of the day. If the end date is equal to the current date, the advertisement disappears from the main screen. **[DF-In, DF-Out]** 2. Use case ends. | |
| **Alternative Course:** | |
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| **Exceptions: NA** | |
|  | |
| **<<Include>> Relationships:** | No |
| **<< Extend>> Relationships:** | No |
| **Assumptions:** |  |

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