**Handy Helper**

**Use Case Specification**

**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| 11/11/2020 | 1.0 | Yixuan Ma | first draft for UC.4.02 Categorize post by trade |
| 11/12/2020 | 2.0 | Yang Zhao | first draft for UC. 4.03 Set an initial fee |
| 11/16/20 | 3.0 | Yixuan Ma | first draft for UC.4.05 Cancel a job |
| 11/17/20 | 4.0 | Yang Zhao | first draft for UC.6.05 Cancel a booking |
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**UC.4.02**

**Categorize post by trade**

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| **Actor(s):** | Customer |
| **Short Description:** | Actors enter the corresponding page to check details of all the current bookings (in-process or completed ones) they placed. |
| **Preconditions:** | • Actors are registered as users and successfully logged into individual accounts.  • Actors actually placed some bookings. |
| **Postconditions:** | Actors can return to home page and use other functionalities |
| **Frequency of Use:** | High |
| **Normal Flow of Events:** | |
| 1. Actors get into personal account and click item “current bookings”  2. Actors check the year filter function and then press down “Enter” on the keyboard. **[JP1: FV]**  3. The system displays a list of the current bookings & brief description **[JP2: DDD]**  4. Actors any item will get into the booking details, including working date, location, fee, contact person, etc. **[JP3: DF-IN]**  5. The system shows the information to actors, and the Use Case ends. | |
| **Alternative Flows:** | |
| *If <condition>, from Step N perform A1. ”Flow Name”:*  A1.System shows that no bookings appear. Start from step 4:  1. If there are no bookings appearing, the flow of events will also continue to the step 5. | |
| **Exceptions:** | |
| E1. Cancel the current bookings system, from step 3:   1. Actors do not press any item and click cancel. 2. System closes the “current booking” window and brings the user to the personal account page. And the use case ends. | |
| **<<Include>> Relationships:** | None |
| **<< Extend>> Relationships:** | UC 06.03 View all current bookings |
| **Business Rules:** |  |
| **Assumptions:** |  |

**UC. 4.03 Set an initial fee**

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| **Actor(s):** | Customer |
| **Short Description:** | Actors will set a suggested budget for the job. This will serve as a starting point for negotiation between the Customer and the Helper. |
| **Preconditions:** | • Actors are registered as users and successfully log into individual accounts.  • There are actually some job listings that actors can set initial fees |
| **Postconditions:** | • The state of that job listing is changed (added initial fee) and saved  • The change can be visually exposed to all the app browsers |
| **Frequency of Use:** | High |
| **Normal Flow of Events:** | |
| 1. The use case begins when the Actor appears on the interface and intends to set an initial fee. **[JP1: ET]**  2. The system displays the “initial fee” elements including:   * Input field of the initial fee * “Submit” button   3. Actor gives a legal number and submits the updated price**[JP2: FV]**  4. The system saves the new state and send the modified job listing to database & the use case ends**[JP3: CN, DF-Out, SI-Out]** | |
| **Alternative Flows:** | |
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| **Exceptions:** | |
| E1: The existing initial fee cannot be reset  E2: The system is not able to save and update the database | |
| **<<Include>> Relationships:** |  |
| **<< Extend>> Relationships:** |  |
| **Business Rules:** |  |
| **Assumptions:** |  |

**UC.4.05 Cancel a job**

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| **Actor(s):** | Helper |
| **Short Description:** | Actors enter the corresponding page to cancel their job on the list, removing the job from available listings. |
| **Preconditions:** | • Actors are registered as users and successfully log into individual accounts.  • Actors actually placed at least one job. |
| **Postconditions:** | Actors can return to home page and use other functionalities |
| **Frequency of Use:** | Medium |
| **Normal Flow of Events:** | |
| 1. Actors get into the personal account and click the item of “My Listings”.  2. The system displays the list of bookings. **[JP1: DDD]**  3. Actors choose one job they want to cancel and scroll to the “card” of it.  4. Actors click the button of Cancel.  5. The system displays the confirmation pop-up modal that shows the text "Are you sure you want to cancel this listing?" with the answer options "Yes" and "No".**[JP2: DF-IN]**  6. Actors click “Yes” in the confirmation pop-up modal. The job disappears, and the Use Case ends.**[JP3: CN]** | |
| **Alternative Flows:** | |
| *If <condition>, from Step N perform A1. ”Flow Name”:*  A1.The system displays the confirmation pop-up modal with the answer options "Yes" and "No". Start from step 5:  1. If actors click “No” in the confirmation pop-up modal, the job is still on the system. | |
| **Exceptions:** | |
| E1. Cancel the listing system, from step 3:   1. Actors do not press any item and click cancel. 2. System closes the “My Bookings” window and brings the user to the personal account page. And the use case ends. | |
| **<<Include>> Relationships:** |  |
| **<< Extend>> Relationships:** |  |
| **Business Rules:** |  |
| **Assumptions:** |  |

**UC. 6.05 Cancel a booking**

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| **Actor(s):** | Customers; Helpers |
| **Short Description:** | Actors enter the page that shows the list of unbegun bookings and cancel the target one |
| **Preconditions:** | • Actors are registered as users and successfully log into their accounts.  • There is at least one booking showing in the unbegun list. |
| **Postconditions:** | •The target booking is deleted and not visible in the account booking list  • Both related Customer or Helper get notified about the canceling |
| **Frequency of Use:** | Medium |
| **Normal Flow of Events:** | |
| 1. The use case begins when the Actor appears on the interface(showing (unbegun) bookings) and intends to cancel an unbegun booking. **[JP1: ET]**  2. Actor selects the target and enters the editing mode. **[JP2: DDD]**  3. Actor chooses the cancel option.  4. The system saves the new state and updates both the database and the My Bookings page and the Use case ends **[JP3: CN, DF-Out, SI-Out]** | |
| **Alternative Flows:** | |
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| **Exceptions:** | |
| E1: The whole booking list still contains the cancelled one after this operation  E2: The system is not able to notify the related other side. | |
| **<<Include>> Relationships:** |  |
| **<< Extend>> Relationships:** |  |
| **Business Rules:** |  |
| **Assumptions:** |  |