<Guest> Register

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| **USE CASE – UC001** | | | |
| **Use Case No.** | 001 | **Use Case Version** | 1.0 |
| **Use Case Name** | Register | | |
| **Author** | HieuPT | | |
| **Date** | 24/10/2017 | **Priority** | Normal |
| **Actor:**   * Guest   **Summary:**   * This use case allows Guest to register new account   **Goal:**   * Account is registered successfully and store in database of the system   **Triggers:**   * Guest sends command to register   **Preconditions:**   * Actor has not accessed in the system   **Post Conditions:**   * **Success:** New account will be created * **Fail:** Systemshows messages   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to request register | System requires information from Guest:   * Email : free text input, required, regex [^[\_A-Za-z0-9-\\+]+(\\.[\_A-Za-z0-9-]+)\*@"+"[A-Za-z0-9-]+(\\.[A-Za-z0-9]+)\*(\\.[A-Za-z]{2,})$] * Full name : free text input, required, length(10-50) * Username: free text input, required, length(9-20) * Password: free text input, required, length(6-12) * Repeat password: free text input, required, length(6-12) * Phone: free number input, required, length(10-12) positive integer, value:[0,9] | | 2 | Guest inputs information |  | | 3 | Guest sends command to register  [Alternative 1]  [Alternative 2] | System shows login view  Account registered  [Exception 1]  [Exception 2]  [Exception 3]  [Exception 4] |   **Alternative Scenario 1:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to reset | System reset all field to blank |   **Alternative Scenario 2:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest send command to back to login view | System shows login view  Account isn’t created |   **Exceptions 1:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest input already exist username | System show warning message “User name already exist” |   **Exceptions 2:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest input already exist email | System shows warning message “Email already exist”. |   **Exceptions 3:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest does not input required field. | System notices that guest need to input all these field:   * “Email”: System display warning message: “please fill out this field”. * “Full name”: System display warning message: “please fill out this field”. * “Username”: System display warning message: “please fill out this field”. * “Password”: System display warning message: “please fill out this field”. * “Repeat password”: System display warning message: “please fill out this field”. * “Phone”: System display warning message: “please fill out this field”. |   **Exceptions 4:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest input wrong some fields with requirement. | System notices that guest need to re-input all these field:   * “Email”: System display warning message: “Email invalid! ([me@example.com)](mailto:me@example.com))”. * “Email”: System display warning message: “Email must be 10 - 254 characters”. * “Full name”: System display warning message: “Full name must be 10 - 50 characters”. * “Username”: System display warning message: “Username must be 6 - 20 characters”. * “Password”: System display warning message: “Password must be 6 - 12 characters”. * “Repeat password”: System display warning message: “Repeat password does not match password”. * “Phone”: System display warning message: “Phone must be numbers”. |   **Relationships:** N/A  **Business Rules:**   * After registered, information of account will be stored in database of the system with role “Owner” and status is “active” when using web. * After registered, information of account will be stored in database of the system with role “User” and status is “active” when using android app. | | | |

Table : Register specification

<Guest> Login

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| **USE CASE – UC002** | | | |
| **Use Case No.** | 002 | **Use Case Version** | 1.0 |
| **Use Case Name** | Login | | |
| **Author** |  | | |
| **Date** | 24/10/2017 | **Priority** | Normal |
| **Actor:**   * Guest   **Summary:**   * This use case allows Guest login to the system on website and mobile application   **Goal:**   * Guest login successfully with the proper role   **Triggers:**   * Guest send the login command   **Preconditions:**   * Guest has an account   **Post Conditions:**   * **Success:** Guest accesses the system successfully * **Fail:** System shows error message “Invalid username or password”   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to request login | System requires identity information form Guest:   * Username : free text input * Password : free text input | | 2 | Guest inputs information |  | | 3 | Guest sends command to login to system  [Alternative 1] | Guests will login system with their specific role |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor action | System Response | | 1 | Guest input invalid username or password | System show error message “Invalid username or password” |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:**  - After login to system, guest will be redirected to specific view based on their role on the system: owner or user.   * If role is “User”, the system will display to User view. * If role is “Owner”, the system will display to Owner view. | | | |

Table : Login specification

User requirement:

* Edit profile
* Search field
* Reserve field (friendly match)
* Manage reservation requests:
  + Create reservation requests
  + ~~View reservation requests~~
  + Cancel reservation requests
* ~~Accept match~~
* View list of opponents
* Accept multi reservation request (from other user)
* Send feedback
* Send report
* Rating opponent
* Checkout transaction.

<User> Edit profile

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| **USE CASE – UC006** | | | |
| **Use Case No.** | 006 | **Use Case Version** | 1.0 |
| **Use Case Name** | Edit profile | | |
| **Author** |  | | |
| **Date** | 24/10/2017 | **Priority** | Normal |
| **Actor:**   * User   **Summary:**   * This use case allows User to edit account profile   **Goal:**   * Account is edited successfully and store in database of the system   **Triggers:**   * User sends command to edit profile   **Preconditions:**   * Actor already has an account   **Post Conditions:**   * **Success:** New account will be edit * **Fail:** Systemshows messages   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to request register | System requires information from Guest:   * Email : free text input, required, regex [^[\_A-Za-z0-9-\\+]+(\\.[\_A-Za-z0-9-]+)\*@"+"[A-Za-z0-9-]+(\\.[A-Za-z0-9]+)\*(\\.[A-Za-z]{2,})$] * Full name : free text input, required, length(10-50) * New Password: free text input, required, length(6-12) * Repeat new password: free text input, required, length(6-12) * Phone: free number input, length(10-12), positive integer, value: [0,9] | | 2 | Guest inputs information |  | | 3 | Guest sends command to save edit  [Alternative 1] | System shows dictionary view  [Exception 1]  [Exception 2]  [Exception 3] |   **Alternative Scenario 1:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to reset | System reset all field to blank |   **Exceptions 1:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest input already exist email | System shows warning message “Email already exist”. |   **Exceptions 2:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest does not input required field. | System notices that guest need to input all these field:   * “Email”: System display warning message: “please fill out this field”. * “Full name”: System display warning message: “please fill out this field”. * “Password”: System display warning message: “please fill out this field”. * “Repeat password”: System display warning message: “please fill out this field”. * “Phone”: System display warning message: “please fill out this field”. |   **Exceptions 3:**   |  |  |  | | --- | --- | --- | | Step | Cause | System Response | | 1 | Guest input wrong some fields with requirement. | System notices that guest need to re-input all these field:   * “Email”: System display warning message: “Email invalid! ([me@example.com)](mailto:me@example.com))”. * “Email”: System display warning message: “Email must be 10 - 254 characters”. * “Full name”: System display warning message: “Full name must be 10 - 50 characters”. * “Password”: System display warning message: “Password must be 6 - 12 characters”. * “Repeat password”: System display warning message: “Repeat password does not match password”. * “Phone”: System display warning message: “Phone must be numbers”. |   **Relationships:** N/A  **Business Rules:**   * After edited, new information of account will be stored in database of the system. | | | |

Table : Edit profile

<User> Search Field

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| **USE CASE – UC003** | | | |
| **Use Case No.** | 003 | **Use Case Version** | 1.0 |
| **Use Case Name** | Search Field | | |
| **Author** |  | | |
| **Date** | 24/10/2017 | **Priority** | Normal |
| **Actor:**   * User   **Summary:**   * This use case allows Actors to search Field by input keyword   **Goal:**   * Actors can find available Field base on keyword   **Triggers:**   * Actors sends search command   **Preconditions:**   * Actor already signed in   **Post Conditions:**   * **Success:** list field are shown * **Fail:** N/A   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actors input field address in to search textbox |  | | 2 | Actors send Search command  [Alternative 1] | System will find in database any record of field table keyword like input text and show that record as list of fields |   **Alternative Scenario :**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User inputs blank in textbox | System show all record |   **Exceptions :** N/A  **Relationships:** N/A  **Business Rules:**   * After get search command, the system will get the search value then looking for the right field base on keyword then return the result to user as list field. | | | |

Table : Search Field specification

<User> Reserve Friendly match

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| **USE CASE – UC003** | | | |
| **Use Case No.** | 003 | **Use Case Version** | 1.0 |
| **Use Case Name** | Reserve Friendly match | | |
| **Author** |  | | |
| **Date** | 24/10/2017 | **Priority** | Normal |
| **Actor:**   * User   **Summary:**   * This use case allows Actors to reserve Field by chose field and time   **Goal:**   * Actors can reserve a chosen field based on time   **Triggers:**   * Actors sends reserve command   **Preconditions:**   * Actor already signed in   **Post Conditions:**   * **Success:** User reserve Field successfully * **Fail:** N/A   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actors chose suitable field, input start time and end time |  | | 2 | Actors send Reserve command | System will send notification to Field Owner and create match in database |   **Alternative Scenario :**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | |  |  |  |   **Exceptions :** N/A  **Relationships:** N/A  **Business Rules:**   * After get reserve command, the system will get the field information, time then send notification to field owner and create match in database | | | |

Table : Reserve Friendly match specification

<User> Reserve Tour match

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| **USE CASE – UC003** | | | |
| **Use Case No.** | 003 | **Use Case Version** | 1.0 |
| **Use Case Name** | Reserve Tour match | | |
| **Author** |  | | |
| **Date** | 28/10/2017 | **Priority** | Normal |
| **Actor:**   * User   **Summary:**   * This use case allows Actors to reserve Field by chose … and time   **Goal:**   * Actors can reserve a chosen field based on time   **Triggers:**   * Actors sends reserve command   **Preconditions:**   * Actor already signed in   **Post Conditions:**   * **Success:** User reserve Field successfully * **Fail:** N/A   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actors chose suitable field, input start time and end time |  | | 2 | Actors send Reserve command | System will send notification to Field Owner and create match in database |   **Alternative Scenario :**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | |  |  |  |   **Exceptions :** N/A  **Relationships:** N/A  **Business Rules:**   * After get reserve command, the system will get the field information, time then send notification to field owner and create match in database | | | |