Health Track Application

# Health Track Application

Design and implement a system that manages and organizes Health Track amenities in Kalinga. It enables users to store into and search for his/her Health Track object assigned with.

* Promo vide and carousel of health track amenities
* The home page contains the following links
  + Add a new track object
  + Add new user
  + Assign the track object to User
  + List of users hired the track object

# System Features

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| **Use Case #1** | **Add a track** |
| Trigger | User clicks on “Add a track object” link on the home page |
| Pre-Conditions | - |
| Post-Conditions | The complete information about the track object is stored in the application database |
| UI Screen Details | The input form contains the following fields   |  |  |  | | --- | --- | --- | | ID | Alphanumeric |  | | Track object Title / Name | Text value |  | | Company | Text Value |  | | Image | Image |  | | Track Name | Text Value | (Cycling, badminton, etc) | |
| Main Flow | The user provides the required details in the form and Clicks “Save” button. On successfully saving the track object details, user is forwarded to the home page along with the message “Track object details have been saved successfully” |
| Data Validations | * Input data has to be validated for numeric and date data fields. * All fields are mandatory |
| Business Rules | ID = first 3 letters of Track and 4 digits auto increment number |
| Exception Flows | * In case of any failure in Data Validation or Business Rules, user should be brought back to the screen along with the error message “The value provided for the field …. Is incorrect or incomplete” |
| Alternate Flows | * When the user selects “Cancel” button, user should be taken back to the home page |

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| **Use Case #2** | **Add a new user** |
| Trigger | User clicks on “Add a usert” link on the home page |
| Pre-Conditions | - |
| Post-Conditions | The complete information about the user is stored in the application database |
| UI Screen Details | The input form contains the following fields   |  |  |  | | --- | --- | --- | | MID | Alphanumeric |  | | Name | Text value |  | | Competencies | Text Value |  | | User Picture | Image |  | | Track Name | Text Value | (.NET/Java/DAS, etc) | |
| Main Flow | The user provides the required details in the form and Clicks “Save” button. On successfully saving the new user details, user is forwarded to the home page along with the message “User details have been saved successfully” |
| Data Validations | * Input data has to be validated for numeric and date data fields. * All fields are mandatory |
| Business Rules | MID |
| Exception Flows | * In case of any failure in Data Validation or Business Rules, user should be brought back to the screen along with the error message “The value provided for the field …. Is incorrect or incomplete” |
| Alternate Flows | * When the user selects “Cancel” button, user should be taken back to the home page |

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| **Use Case #3** | **Assign track object to user** |
| Trigger | User clicks on “Assign Track Object to User” link on the home page |
| Pre-Conditions | Track object and user details are in the database |
| Post-Conditions | Details of track object and hired user are stored in database |
| UI Screen Details | * ‘**Track object list**’ table needs to be displayed. This displays the list of **all** the track objects available in the database. Each track object display will have a button “Assign to user” beside it. * ‘**Hired Users**’ form needs to be displayed the users assigned with track objects would be selected from the ‘Track object list’ and User list tables.   + The form will have a button “Release”, on click, will validate user entry and need to release the track object from the selected user in database   + The cancel button, on click, will reset this form |
| Main Flow | The ‘Hired Users list” table is initially loaded with details in Database. Once the data is entered through the ‘Assign to user” Button and stored successfully, report with Hired users list also could be displayed |
| Data Validations | * Input data has to be validated for numeric and date data fields. * All fields are mandatory |
| Business Rules | * ID should be unique in the system |
| Exception Flows | In case of any failure in Data Validation or Business Rules, user should be brought back to the same screen along with a relevant error message |
| Alternate Flows | * When the user selects “Close” button, user should be taken back to the home page |