

**CAPSTONE PROJECT I**

CMU-SE 450

**USER INTERFACE**

Version 1.0

Date: March 8th, 2021

**DTU Simulated Digital Map**

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# **Introduction**

## **Purpose**

* This document describes the design interface of “Facial Identification Matching Web Application” System.

## **Scope**

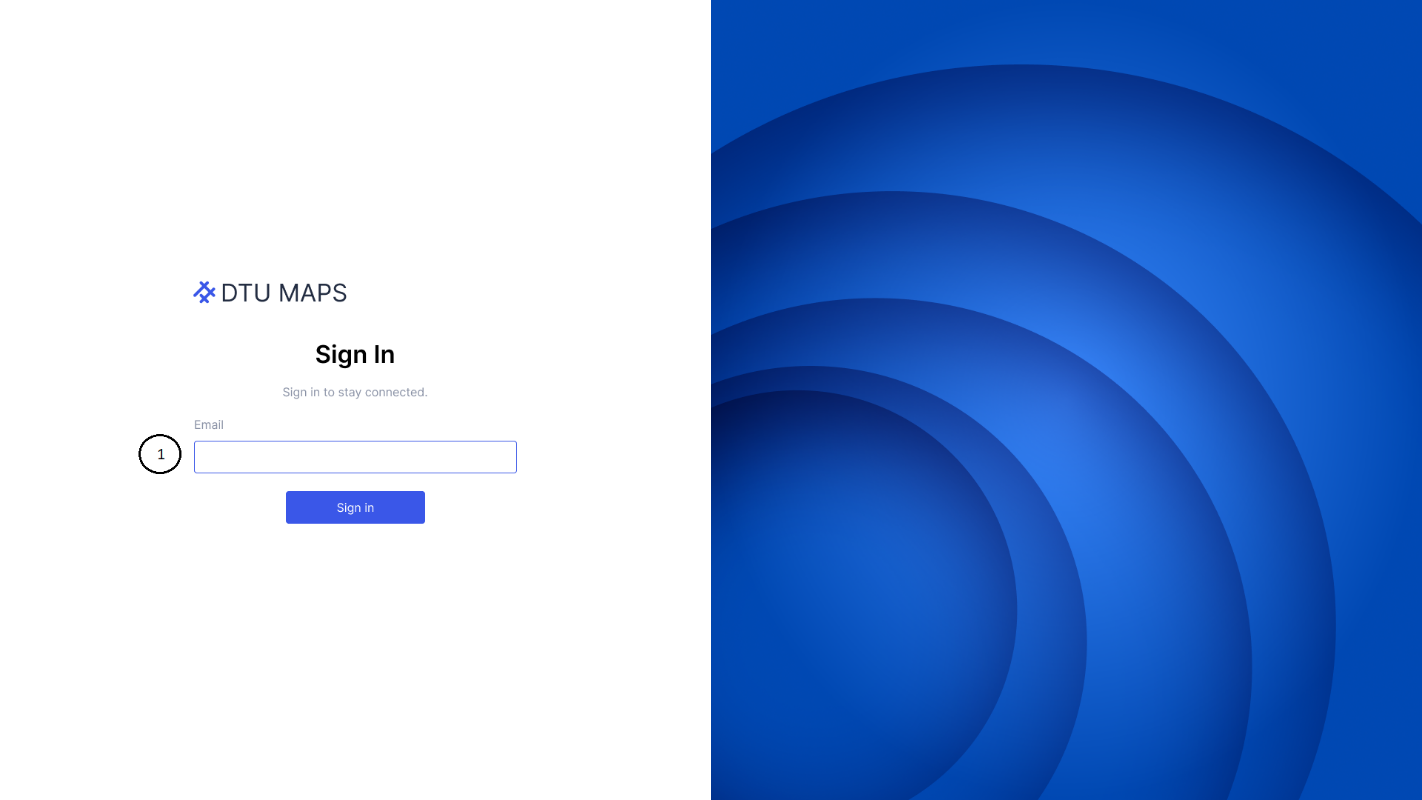
* Overview of the stages and modules of the software.
* Create complete interfaces, and describe them clearly.

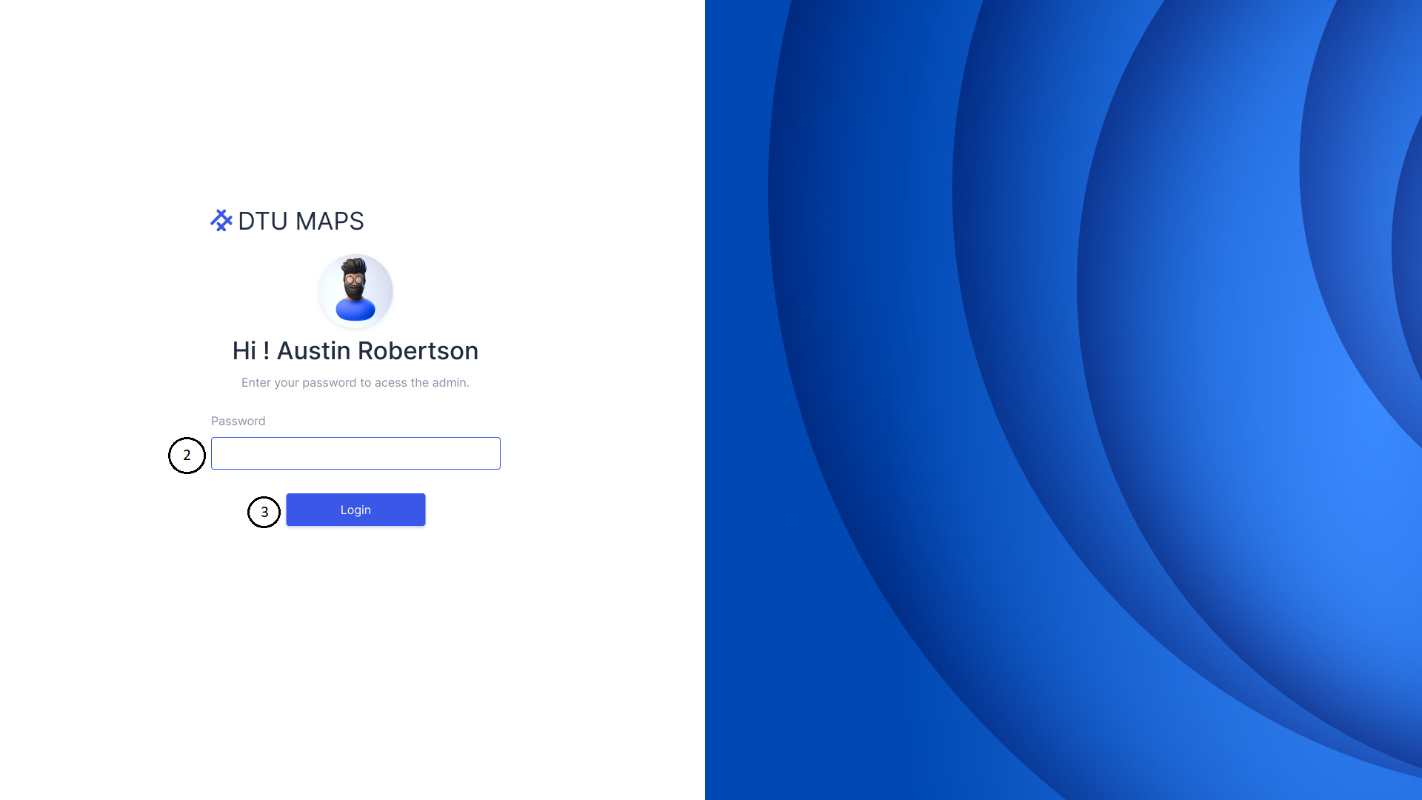
## **List of User Interface for Sprint**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Roles** | **User Interface ID** | **UI Name** | **Description** | **Notes** |
| Admin | UI-01 | Login | This form is used for the admin to login into the system. |  |
| Admin | UI-02 | Logout | This form is used for the admin to log out of the system. |  |
| Admin | UI-04 | Add geojson’s maps record | This form is used for the admin to add geojson’s maps record into the database. |  |
| Admin | UI-05 | Update geojson’s maps record | This form is used for the admin to update geojson’s maps record in the database. |  |
| Admin | UI-06 | Delete geojson’s maps record | This form is used for the admin to delete geojson’s maps record in the database. |  |
| Admin | UI-07 | View list of users | This form is used for the admin to view all of the users. |  |
| Admin | UI-08 | View user’s detail | This form is used for the admin to view detail of the user. |  |
| Admin | UI-09 | Reset user’s password | This form is used for the admin to reset password of the users. |  |
| Admin | UI-10 | Delete user account | This form is used for the admin to delete the account of the users. |  |
| Admin | UI-11 | Add VR360 images | This form is used for the admin to add VR360 images into the database. |  |
| Admin | UI-12 | Update VR360 images | This form is used for the admin to update VR360 images in the database. |  |
| Admin | UI-13 | Delete VR360 images | This form is used for the admin to delete VR360 images in the database. |  |
| User | UI-14 | Application information | This page is used for the user to see the welcome screen. |  |
| User | UI-15 | User Guide | This form is used for the user to  see the application information. |  |
| User | UI-16 | Register | This form is used for the user to register an account. |  |
| User | UI-17 | Login | This form is used for the user to login into the app. |  |
| User | UI-18 | Logout | This form is used for the user to log out of the app. |  |
| User | UI-19 | Forgot password | The form is used to get the password of the user. |  |
| User | UI-20 | Home | This form is used for the user to view the home screen. |  |
| User | UI-21 | Maps |  |  |
| User | UI-22 | Find facility |  |  |
| User | UI-23 | Find building |  |  |
| User | UI-24 | Find classroom |  |  |
| User | UI-25 | Show directions |  |  |
| User | UI-26 | Add friends |  |  |
| User | UI-27 | View friend’s profile |  |  |
| User | UI-28 | Show location |  |  |
| User | UI-29 | Watch 360 view of building |  |  |
| User | UI-30 | Watch 360 view of classroom |  |  |
| User | UI-31 | Update profile |  |  |
| User | UI-32 | Change password |  |  |

1. **Describe User Interface for Admin**

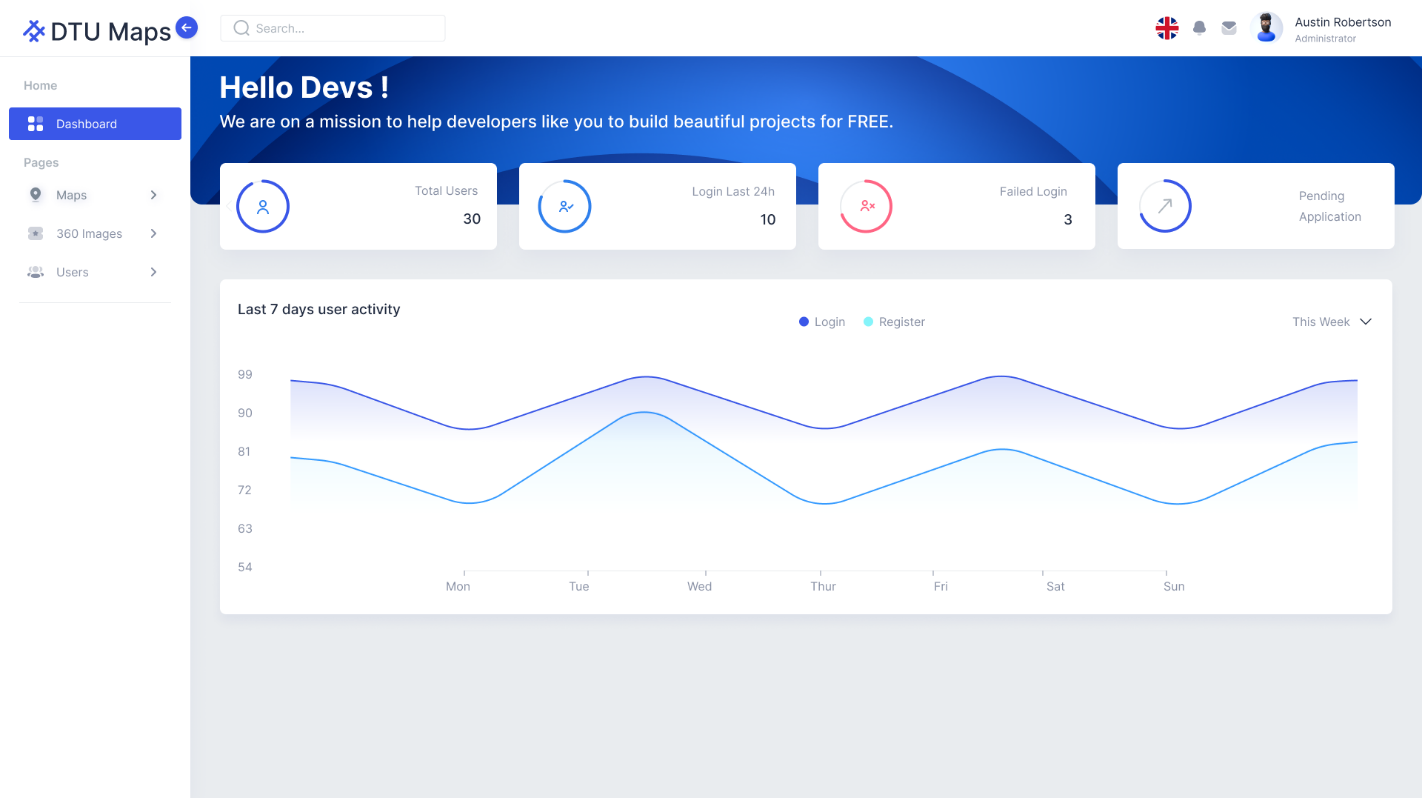
## **UI-01: Login**



****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Input |  | Textbox | Input email |  |
| 2 | Input |  | Textbox | Input password |  |
| 3 | Click |  | Button | Click to login into the system |  |

## **UI-02: Logout**

****

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Form** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to log out of the system |  |

* 1. **UI-03: Add geojson’s maps record**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Form** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to add the criminal |  |
| 2 | Input |  | Textbox | Input the information into each field of the General Information table (if any). |  |
| 3 | Click |  | Image | Click to upload image |  |
| 4 | Click |  | Button | Click to display Guilty table |  |
| 5 | Input |  | Textbox | Input the information into each field of the Guilty table (if any). |  |
| 6 | Click |  | Button | Click to come back the General Table |  |
| 7 | Click |  | Button | Click to confirm the entered data |  |
| 8 | View |  | Form | Display successful add message |  |

* 1. **UI-04: Update geojson’s maps record**

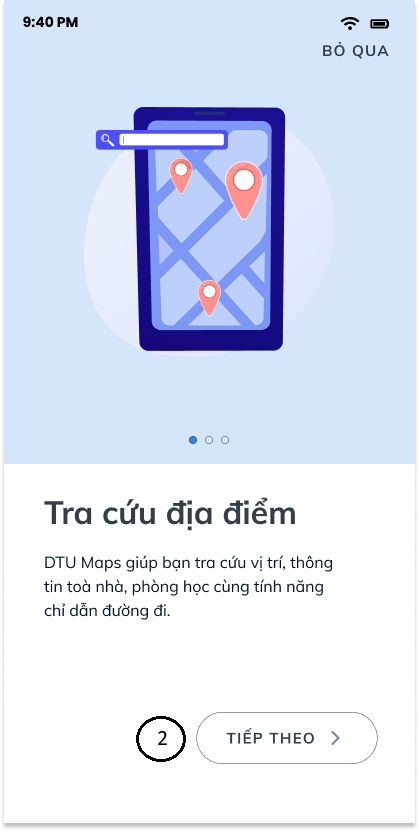
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Form** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to update information |  |
| 2 | Input |  | Textbox | Input the information in the field to be updated on the General Information table (if needed). |  |
| 3 | Click |  | Image | Click to update the criminals’ image (if needed) |  |
| 4 | Click |  | Button | Click to display Guilty table |  |
| 5 | Input |  | Textbox | Input the information in the field to be updated on the Guilty table (if needed). |  |
| 6 | Click |  | Button | Click to come back the General Table |  |
| 7 | Click |  | Button | Click to confirm the entered data |  |
| 8 | View |  | Form | Display successful update message |  |

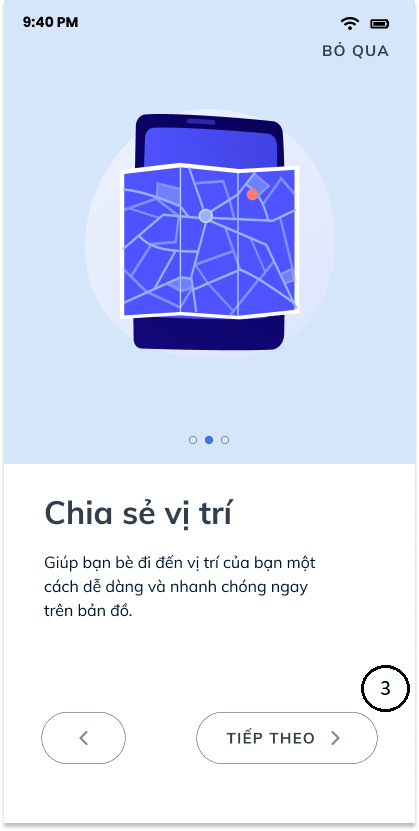
* 1. **UI-05: Delete geojson’s maps record**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Form** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to choose delete function |  |
| 2 | Click |  | Button | Click to delete criminal case |  |
| 3 | Click |  | Alert | Click “Yes” to delete, “No” to cancel |  |

1. **Describe User Interface for User**
   1. **UI-06: Application information**

****

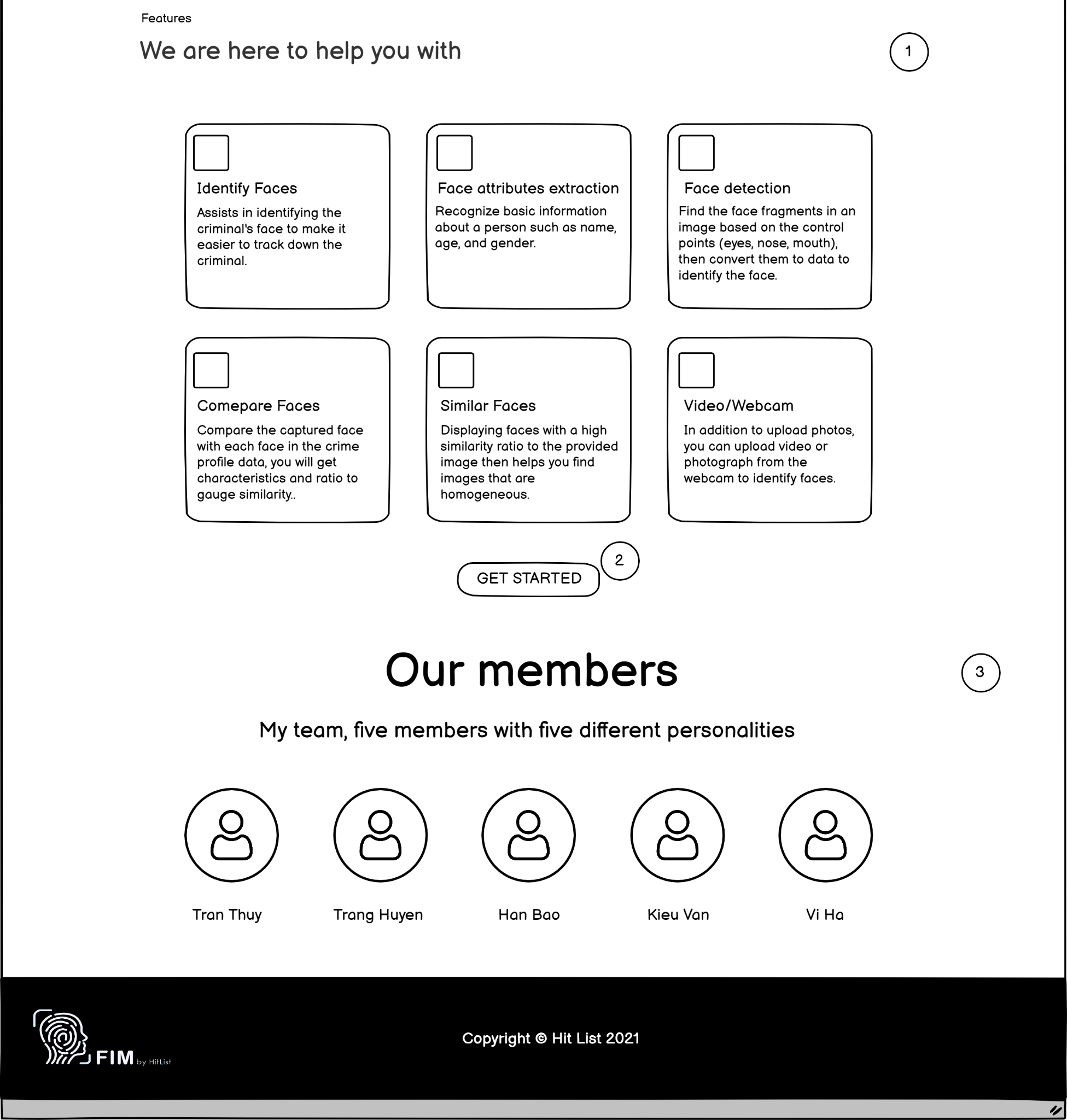
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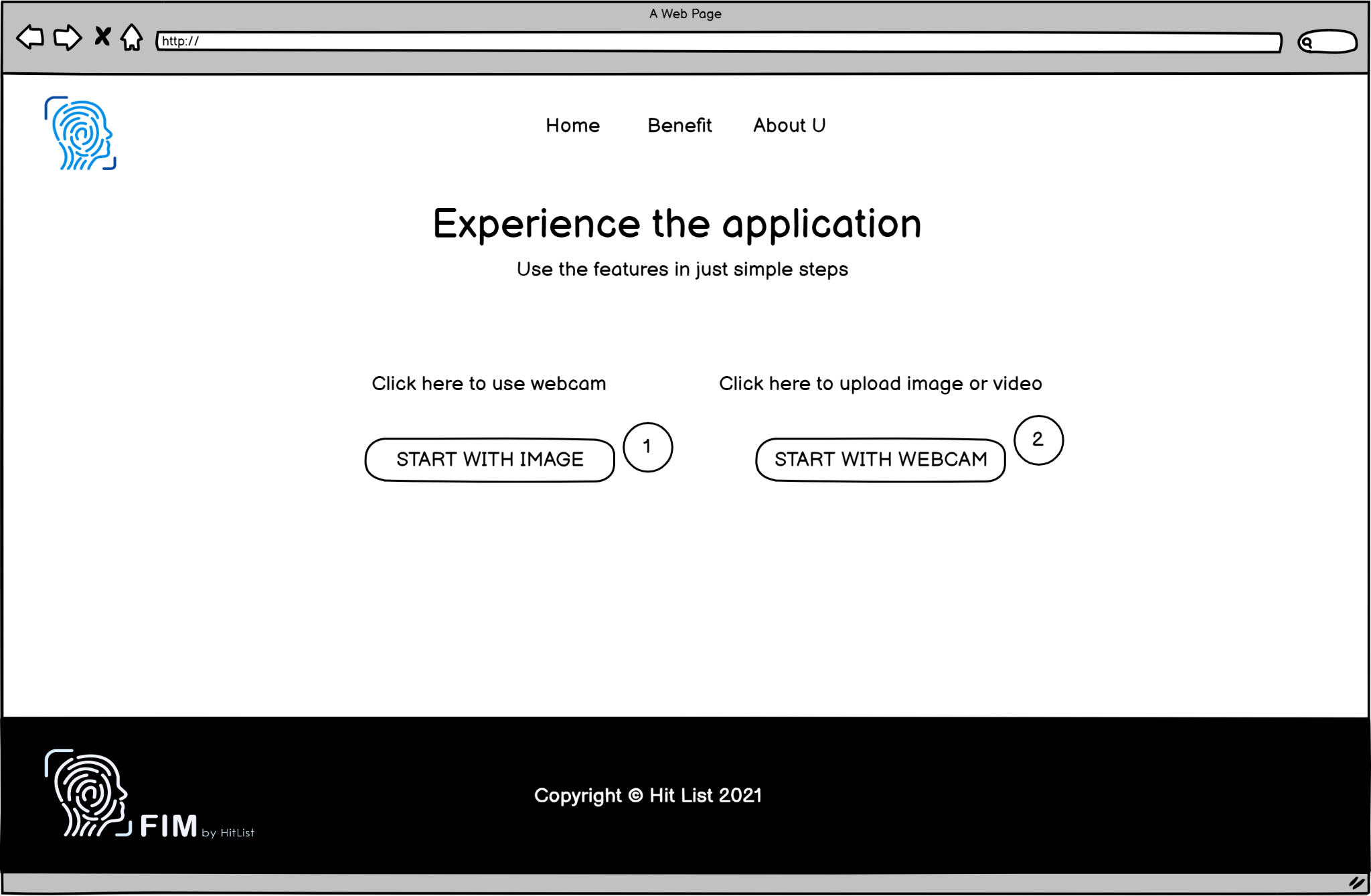
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Form** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to the welcome page |  |
| 2 | Click |  | Button | Click to the benefit page |  |
| 3 | Click |  | Button | Click to the about us page |  |
| 4 | Click |  | Button | Click to the product experience page |  |

* 1. **UI-07: User Guide**

****

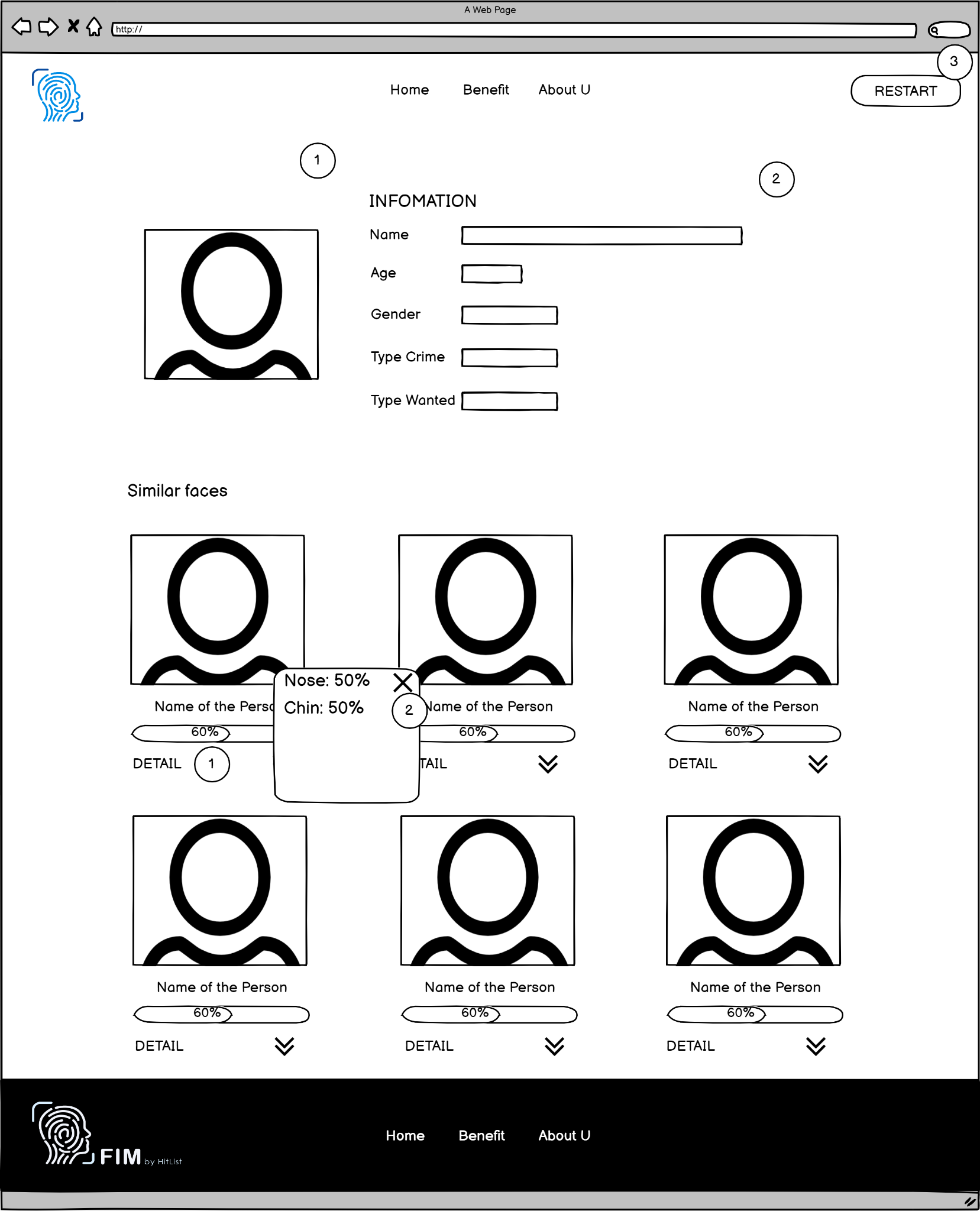
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | View |  | Page | Display the application information |  |
| 2 | Click |  | Button | Click to the product experience page |  |
| 3 | View |  | Page | Display the information of team |  |

* 1. **UI-08: Register**

****

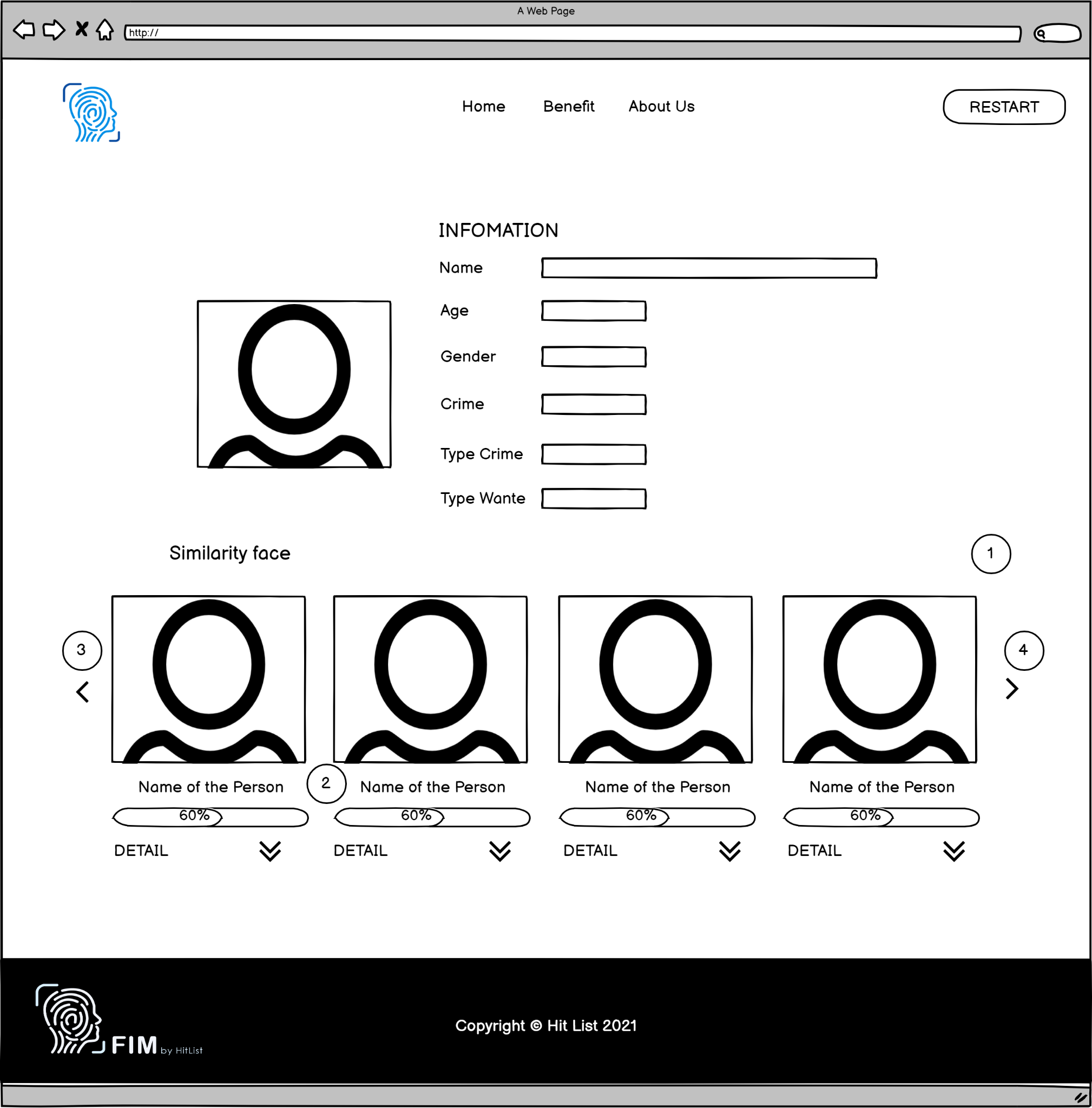
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | Click |  | Button | Click to choose the photo or video from the folder |  |
| 2 | Click |  | Button | Click to the webcam |  |

* 1. **UI-10: Login**

****

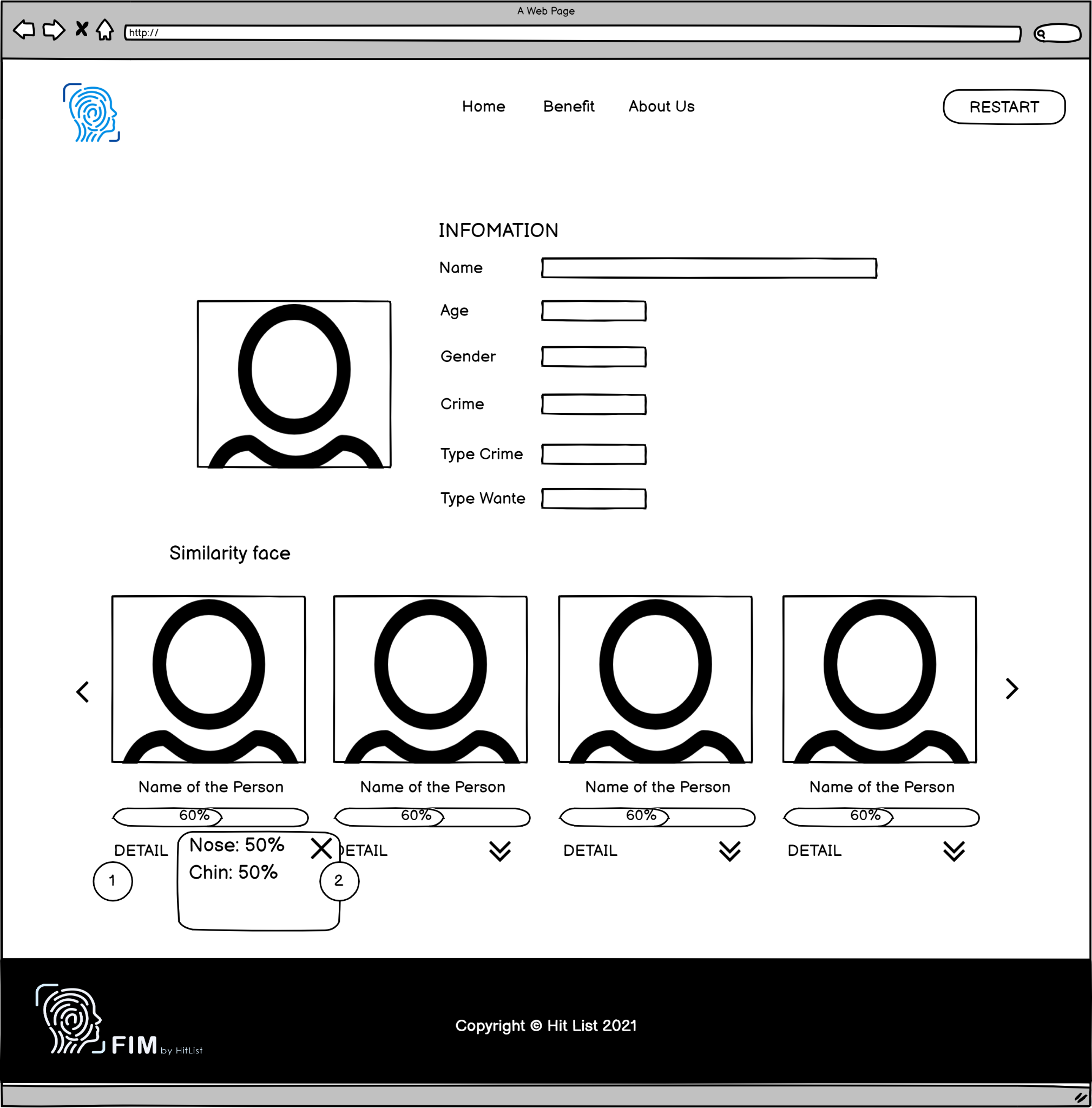
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | View |  | Image | Displays the image extracted |  |
| 2 | View |  | Section | Show the name, age, the gender of a person's |  |
| 3 | Click |  | Button | Click to restart with image or webcam |  |

* 1. **UI-11: Logout**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | View |  | Image | Display all of the highly similar faces |  |
| 2 | View |  | Progress bar | Show how many similarities between faces. |  |
| 3 | Click |  | Button | Display previous similar faces |  |
| 4 | Click |  | Button | Display next similar faces |  |

* 1. **UI-12: Point out the difference in the face which changes**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **From** | **Condition** | **Null** | **Control Type** | **Target** | **Notes** |
| 1 | View |  | Detail | Show the difference in the face which changes |  |
| 2 | Click |  | Button | Click to hide the differences table |  |