**MINISTRY OF EDUCATION AND TRAINING**

**DUY TAN UNIVERSITY**



**RENTING HELPER -**

**A SUPPORT SYSTEM FOR**

**FINDING HOUSE FOR RENT ON ANDROID OS**

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**USER INTERFACE DESIGN DOCUMENT**

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**Da Nang, Feb - 2018**

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TABLE OF CONTENTS

[1. INTRODUCTION 1](#_Toc508457655)

[1.1. Purpose 1](#_Toc508457656)

[1.2. Scope 1](#_Toc508457657)

[2. LIST OF INTERFACES FOR SPRINT 1 1](#_Toc508457658)

[3. DESCRIBE USER INTERFACES FOR SPRINT 1 2](#_Toc508457659)

[3.1. Register 2](#_Toc508457663)

[3.2. Login 4](#_Toc508457670)

[3.3. Navigation 6](#_Toc508457676)

[3.4. Choose city 7](#_Toc508457683)

LIST OF TABLES

[Table 2.1: List of Interfaces for Sprint 1 1](#_Toc508457715)

[Table 3.1: Register 3](#_Toc508457716)

[Table 3.2: Login 4](#_Toc508457717)

[Table 3.3: Show Navigation 6](#_Toc508457718)

[Table 3.4: Choose city 7](#_Toc508457719)

LIST OF FIGURES

[Figure 3.1: Register 2](#_Toc508457720)

[Figure 3.2: Login 4](#_Toc508457721)

[Figure 3.3: Navigation 6](#_Toc508457722)

[Figure 3.4: Choose city 7](#_Toc508457723)

1. **INTRODUCTION**
   1. **Purpose**

This document describes the interfaces design of Renting Helper System.

* 1. **Scope**
* This document provides an overview of the stages and modules of the system.
* Create complete interfaces and describe them clearly.

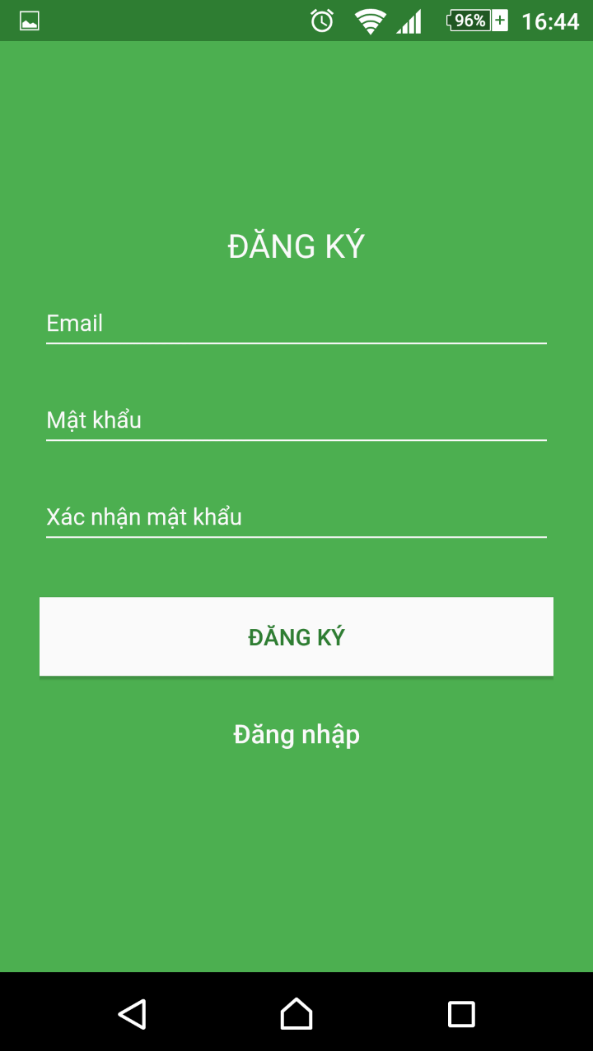
1. **LIST OF INTERFACES FOR SPRINT 1**

###### Table 2.1: List of Interfaces for Sprint 1

|  |  |  |  |
| --- | --- | --- | --- |
| **User Interface ID** | **UI Name** | **Description** | **Notes** |
| UI-01 | Navigation | This screen is the main menu of the application | N/A |
| UI-02 | Register | This screen is the page to register new user | N/A |
| UI-03 | Login | This screen is used to log in to the system | N/A |
| UI-04 | Choose city | This screen is used to choose city location to find renting house | N/A |

1. **DESCRIBE USER INTERFACES FOR SPRINT 1**

4. 1. **Register**

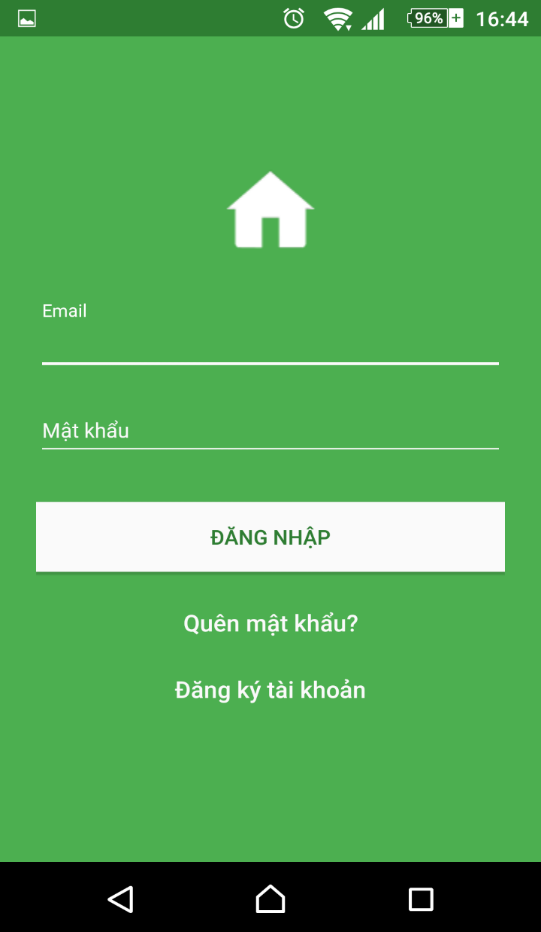
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##### Figure 3.1: Register

###### Table 3.1: Register

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Screen** | | | Register | | | | |
| **Description** | | | The form where user registers new account to use the system | | | | |
| **Screen Access** | | |  | | | | |
| **Screen Content** | | | | | | | |
| **Item ID** | **Item Name** | | **Type** | | **Data** | **Description** | |
| 1.1 | User’s email, password and confirmed password | | Edit Text | |  | User’s email, password and confirmed password textboxes | |
| 1.2 | Login and register buttons | | Button | |  | Login and register buttons | |
| 1.3 | Register | | Text View | |  | Register label | |
| **Screen Actions** | | | | | | | |
| **Action Name** | | **Description** | | **Success** | | | **Failure** |
| Show register form | | 1. Access the application  2. Click Register button  3. Input data and click Register button | | Show register form and create account successfully | | | Can’t register account |

3. 2. **Login**

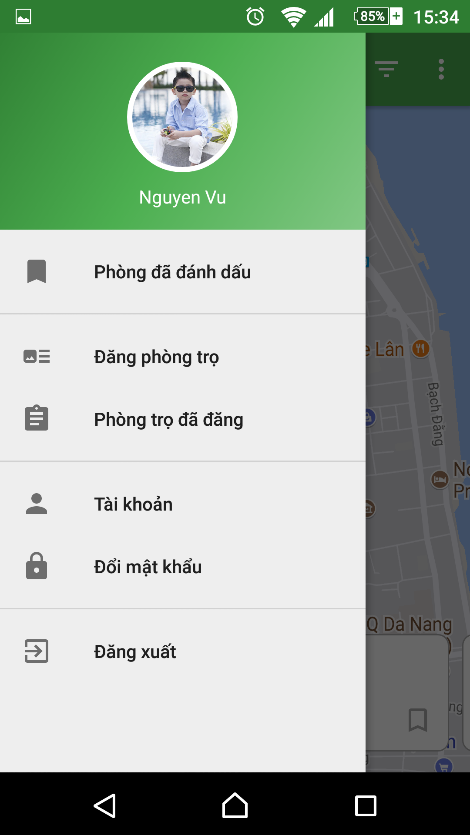


##### Figure 3.2: Login

###### Table 3.2: Login

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Screen** | | | Login | | | | |
| **Description** | | | Where user logs in to use the system | | | | |
| **Screen Access** | | |  | | | | |
| **Screen Content** | | | | | | | |
| **Item ID** | **Item Name** | | **Type** | **Data** | | **Description** | |
| 2.1 | User’s email and password | | Edit Text |  | | User’s email and password textboxes | |
| 2.2 | Login | | Button |  | | Login button | |
| 2.3 | Forget password | | Text View |  | | Forget password hyperlink | |
| 2.4 | Register | | Hyperlink |  | | Register hyperlink | |
| **Screen Actions** | | | | | | | |
| **Action Name** | | **Description** | | | **Success** | | **Failure** |
| Login | | 1. Access the application  2. Input email and password  3. Click Login button | | | Show house for rent lists | | Can’t log in |

3. 3. **Navigation**

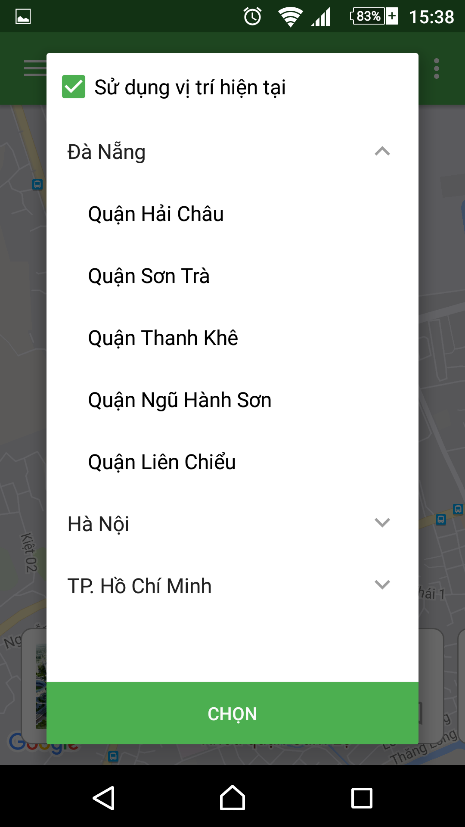


##### Figure 3.3: Navigation

###### Table 3.3: Show Navigation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Screen** | | | Navigation | | | | |
| **Description** | | | Show navigation of the application | | | | |
| **Screen Access** | | | Login | | | | |
| **Screen Content** | | | | | | | |
| **Item ID** | **Item Name** | | **Type** | | **Data** | **Description** | |
| 3.1 | Marked houses | | Menu | |  | Save list of houses user marked | |
| 3.2 | Post house for rent | | Menu | |  | Post your house’s information to system for renting | |
| 3.3 | Posting history | | Menu | |  | Your history of posting house for rent | |
| 3.4 | Account | | Menu | |  | Manage your user account | |
| 3.5 | Change password | | Menu | |  | Change password | |
| 3.6 | Log out | | Menu | |  | Log out of the system | |
| 3.7 | User’s avatar | | Image | |  | User’s avatar | |
| 3.8 | User’s name | | Text View | |  | User’s name | |
| **Screen Actions** | | | | | | | |
| **Action Name** | | **Description** | | **Success** | | | **Failure** |
| Access application | | Log in to the application on Android device and click the top left button | | Access the application successfully, show navigation | | | Can’t access the application, also can’t see navigation |

3. 4. **Choose city**



##### Figure 3.4: Choose city

###### Table 3.4: Choose city

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Screen** | | | Choose city | | | |
| **Description** | | | Choose city location to find renting house | | | |
| **Screen Access** | | | Login | | | |
| **Screen Content** | | | | | | |
| **Item ID** | **Item Name** | | **Type** | **Data** | **Description** | |
| 3.1 | City | | Expandable list view |  | Choose city | |
| 3.2 | District | | Expandable list view |  | Choose district of that city | |
| 3.3 | Select | | Button |  | Select | |
| 3.4 | Choose current location | | Check box + Text View |  | Choose current location | |
| **Screen Actions** | | | | | | |
| **Action Name** | | **Description** | | **Success** | | **Failure** |
| Access application | | Log in to the application on Android device and choose city then choose district and click Continue button | | Access the application successfully, show list of house | | Can’t access the application, also can’t show list of house |