**• Feature 5**

**[URS-1]: The admin can add help information which includes name, address, phone number, and coordinate location.**

The admin can add the details of the help information which includes name, address, phone number, and coordinate location.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** |
| Name | Name of help place should have the length 1-50 characters. | "Chiangmai Ram Hospital" | The word can be numeric, character or special alphabet. |
| Address | Address should be real information. The length should be 0-20 characters. | "8 Boonreungrit Rd” | Address should be the real information. |
| District | District should be real information. The length should be 0-20 characters. | “Muang” | District should be the real information. |
| Province | Province should be real information. The length should be 1-20 characters. | “Chiang Mai” | Province should be the real information. |
| Zip code | Zip code should be real information. The length should be 0-5 characters. | “51000” | Zip code should be the real information. |
| Phone Number | Phone number should be 9-10 digits. | "053920300" | Phone number should be the numeric. |
| Latitude | Latitude should be the DD (decimal degrees) format, which base on Google maps. | 18.809011 | Latitude should locate to the real location. |
| Longitude | Longitude should be the DD (decimal degrees) format, which base on Google maps. | 99.218742 | Longitude should locate to the real location. |

**Flow of Execution**

1. The admin brows the home page
2. The system provides UI for the admin add the name, address, phone number and the map with pinning to use coordinate of the help location.
3. The admin adds the information of the help location.
4. The system checks UI formats.
5. The system adds the new help location into database.
6. The system provides the successful adding help information page.

**Alternative flow A, the validation error**

A.4 If the UI formats are received incorrect information, the system should provide the error message. After that, the system will go back to step 3.

**[URS-2]: The admin can edit help information which includes address, phone number, name, and coordinate location.**

The admin can edit the details of the help information which includes name, address, phone number, and coordinate location.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Name | Name of help place should have the length 1-50 characters. | "Bangkok Hospital" | The word can be numeric, character or special alphabet | Existing name of the help place will change to the new information |
| Address | Address should be real information. The length should be 0-60 characters. | " 2 Soi Soonvijai 7, New Petchburi Road Bangkapi, Huay Khwang Bangkok " | Address should be the real information | Existing address of the help place will change to the new information |
| Phone Number | Phone number should be 9-10 digits. | "023103000 " | Phone number should be the numeric | Existing phone number of the help place will change to the new information |
| Coordinate Location | Coordinate location should be the decimal number of degrees | "25.809011, 92.218742" | Coordinate location must be the longitude and latitude. | Existing coordinate location of the help place will change to the new information |

**Flow of Execution**

1. The admin brows the home page
2. The system shows the information of help location that admin selected.
3. The system provides UI for the admin edit the name, address, phone number and the map with pinning to use coordinate of the help location.
4. The admin edits the information of the help location.
5. The system checks UI formats.
6. The system updates the new information of the help location into database.
7. The system provides the successful adding help information page.

**Alternative flow A, the validation error**

A.5 If the UI formats are received incorrect information, the system should provide the error message. After that, the system will go back to step 4.

**[URS-3]: The admin can remove help location.**

The admin can delete the help information which includes name, address, phone number, and coordinate location.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

**Input**: Admin selected the help place.

**Output**: System delete help place from database that selected by admin

**Flow of Execution**

1. The admin brows the home page
2. The system shows the information of help location that admin selected.
3. The admin selects help location that want to remove.
4. The system provide UI with message “Are you sure to delete?” to ask permission before remove help location.
5. The system deletes the help location from database.

**Alternative flow A, the validation error**

A.4 If the admin chooses cancel the system will go back to step 3.

**[URS-4]: The admin can view help information of each help place.**

The admin can view the help information of each help place.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

**Input:** Admin selects help place that want to view the information**.**

**Output:** Systemwill show the information of help location.

**Flow of Execution**

1. The admin brows the home page
2. The system shows all list of the help location.
3. The admin selects the help place
4. The system shows the help information which includes name, address, phone number, coordinate, and rating score.

**[URS-5]: The admin can browse the help location by help place categories which are police station, highway police station, hospital, and garage.**

The admin can browse the help location by help place categories which are police station, highway police station, hospital, and garage.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

**Input:** Admin select the help place categories.

**Output:** Systemwill show the list of help location.

**Flow of Execution**

1. The admin brows the home page
2. The system shows categories UI which are police station, highway police station, hospital, and garage.
3. The admin selects categories
4. The system shall retrieve the help information from database.
5. The system shall show the list of help location by categories.

**[URS-6]: The admin can browse the help location by province of Thailand.**

The admin can browse the help location by province of Thailand.

**Prerequisite**

The admin has to enter to the system to the home page.

**Input and Output**

**Input:** Admin select the province of Thailand.

**Output:** Systemwill show the list of help location in each province.

**Flow of Execution**

1. The admin brows the home page
2. The system shows list province of Thailand.
3. The admin selects province.
4. The system shall retrieve the help information from database.
5. The system shall show the list of help location by province.

**• Feature 1**

**[URS-7]: The user can view the online map with their current location.**

The user can view the online map with their current location on the online map page.

**Prerequisite**

The user has to turn on GPS and enter to the online map page.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Current location | The current location of the user show by latitude and longitude. | 18.809011, 99.218742 | The format of current location must be decimal number of degrees. | The online map is shown with the current location of the user. |

**Flow of Execution**

1. The user enters to the online map.
2. The system obtains the latitude and longitude of the user’s current location.
3. The system provides online map UI, which shows online map with the user’s current location.

**[URS-8]: The user can view the offline map with their current location.**

The user can view the offline map with their current location on the offline map page.

**Prerequisite**

The user has to turn on GPS and enter to the offline map page.

The user has to download Thailand map from MapsWithMe application.

The user installs MapsWithMe application on their device.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Current location | The current location of the user show by latitude and longitude. | 18.809011, 99.218742 | The format of current location must be decimal number of degrees. | The offline map is shown with the current location of the user. |

**Flow of Execution**

1. The user enters to the offline map.
2. The system obtains the latitude and longitude of the user’s current location.
3. The system provides offline map UI, which shows offline map with the user’s current location.

**[URS-9]: The user can view the location of help place in online map.**

The user can view the location of help place on the online map page.

**Prerequisite**

The user has to connect with the internet and enter to the online map page.

**Input and Output**

**Input:** The user enters to the online map.

**Output:** The help location shows on the online map.

**Flow of Execution**

1. The user enters to the online map.
2. The system obtains the latitude and longitude of the user’s current location.
3. The system provides online map UI, which shows the location of each help place around the user on the map.

**[URS-10]: The user can view the location of help place in offline map.**

The user can view the location of each help place on the offline map page.

**Prerequisite**

The user enters to the offline map page.

There is information of help place, which is loaded, on the user device.

**Input and Output**

**Input:** The user enters to the offline map.

**Output:** The help location shows on the offline map.

**Flow of Execution**

1. The user enters to the offline map.
2. The system retrieves the loaded help information from the user’s device.
3. The system provides offline map UI, which shows the location of each help place around the user on the offline map.

**[URS-11]: The user can view help information of each help place in online map.**

The user can view the help information of each help place on the online map page. The help information is name, phone number and address of help place.

**Prerequisite**

The user enters to the online map page, which shows the location of help place.

**Input and Output**

**Input:** The user selects the help place they want to view the information.

**Output:** The help information of the selected help place, which is name, phone number and address of help place.

**Flow of Execution**

1. The user selects the help place they want to see information on the online map page.
2. The system retrieves the help information from the system database.
3. The system provides information UI to show the help information, which are name, phone number and address.

**[URS-12]: The user can view help information of each help place in offline map.**

The user can view the help information of each help place on the offline map page. The help information is name, phone number and address of help place.

**Prerequisite**

The user enters to the offline map page, which shows the location of help place.

There is information of help place, which is loaded, on the user device.

**Input and Output**

**Input:** The user selects the help place they want to view the information.

**Output:** The help information of the selected help place, which is name, phone number and address of help place.

**Flow of Execution**

1. The user selects the help place they want to see information.
2. The system retrieves the loaded help information from the user’s device.
3. The system provides information UI to show the help information, which are name, phone number and address.

**[URS-13]: The user can make emergency call to each help place in online map.**

The user can call to each help place directly on the online map page.

**Prerequisite**

The user enters to the online map page, which shows the location of help place.

**Input and Output**

**Input:** The user selects the help place they want to make a call.

**Output:** The system connects to call system of the device and make a call to the selected help place.

**Flow of Execution**

1. The user selects the help place they want to call.
2. The system provides the call UI.
3. The user selects to call.
4. The system call to the selected help place.

**[URS-14]: The user can make emergency call to each help place in offline map.**

The user can call to each help place directly on the offline map page.

**Prerequisite**

The user enters to the offline map page, which shows the location of help place.

There is information of help place, which is loaded, on the user device.

**Input and Output**

**Input:** The user selects the help place they want to make a call.

**Output:** The system connects to call system of the device and make a call to the selected help place.

**Flow of Execution**

1. The user selects the help place they want to call.
2. The system retrieves the loaded help information from the user’s device.
3. The system provides the call UI.
4. The user selects to call.
5. The system call to the selected help place.