PALS System

User Manual

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1   Introduction

This document will provide manual instructions for user and administrator in using the PALS system. The system consists of two applications that are PALS Android application that can be used by user, and Administrator website that can be used by Administrator to manage the database.

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2   User Interface

2.1   PALS Android Application

Splash Screen
Description: Introducing application name and developer team.
Policy: Splash screen will be shown in 5 second.
Manual Instruction: 1. Open PALS Android Application.

Main Menu
Description: Main features are provided. User can select which location that user wants to find (ATM, Gas Station. or Repair Shop) or select other features like add new data or additional option.
Policy: Location service must be enabled. If location service is disabled, when user click one of the buttons, will display setting dialog to enable location service.
Manual Instruction: 1. Open PALS Android Application.

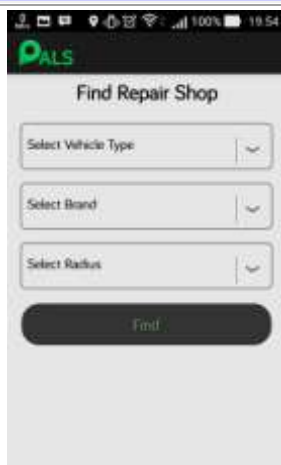| **Find ATM** |
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| **Description:** The preference page to find ATM in Depok. |
| **Policy:** User should select bank name and radius. All conditions must be filled to get the result. Application will select the ATM locations that suitable with user preferences. |
| **Manual Instruction:**
　1. Open PALS Android Application.
　2. Select Find ATM. |

Find Gas Station
Description: The preference page to find gas station in Depok.
Policy: User should select company name and radius. All conditions must be filled to get the result. Application will select the gas station locations that suitable with user preferences.
Manual Instruction: 　1. Open PALS Android Application. 　2. Select Find Gas Station.

Find Repair Shop
Description: The preference page to find repair shop in Depok.
Policy: User should select vehicle type, brand, and radius. All conditions must be filled to get the result. Application will select the repair shop locations that suitable with user preferences.

Manual Instruction:
    1. Open PALS Android Application.
    2. Select Find Repair Shop.

| Place Result List |
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| **Description:** Application displays the result of locations that suitable with user preferences. |
| **Policy:** Application sorts the location by the nearest radius and displays it in list. Detail of one location contains name, address, and radius. |
| **Manual Instruction:**
    1. Open PALS Android Application.
    2. Select one of Find categories (Find ATM, Find Gas Station, or Find Repair Shop).
    3. For ATM category, select the bank name. For gas station category, select company. For repair shop category, select vehicle type and brand.
    4. After that, select the place radius that wants to find. |

Map Page
Description: Display location in form of map.
Policy: There will be 2 markers in map to show the current position and the destination position. User can select map perspective by choosing marker.

Manual Instruction:
   1. Open PALS Android Application.
   2. Select one of Find categories (Find ATM, Find Gas Station, or Find Repair Shop).
   3. For ATM category, select the bank name. For gas station category, select company. For repair shop category, select vehicle type and brand.
   4. After that, select the place radius that wants to find.
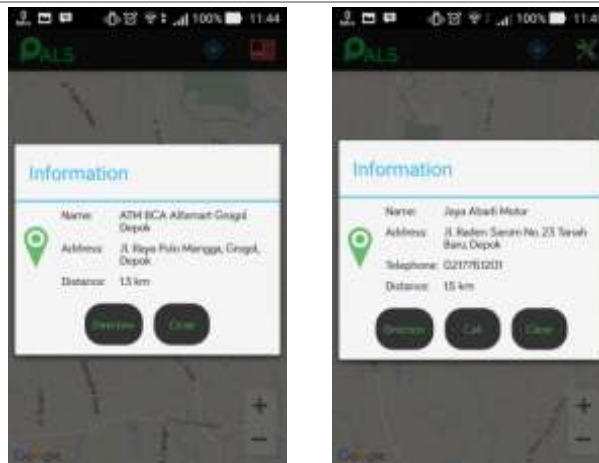
Map Info
Description: Display location information dialog.
Policy: For ATM and gas station categories, information dialog will display information about place name, address and distance, but for repair shop categories, information dialog will display information about place name, address, telephone number, and distance.

Manual Instruction:
   1. Open PALS Android Application.
   2. Select one of Find categories (Find ATM, Find Gas Station, or Find Repair Shop).

3. For ATM category, select the bank name. For gas station category, select company. For repair shop category, select vehicle type and brand.
4. After that, select the place radius that wants to find.
5. Click one of the places in result list.
6. Click the place marker on the map.

Get Direction
Description: Show the direction between current position and destination position.
Policy: The direction between current position and destination position will be shaped a polyline. User can select view perspective by choosing marker.

Manual Instruction:
  1. Open PALS Android Application.
  2. Select one of Find categories (Find ATM, Find Gas Station, or Find Repair Shop).
  3. For ATM category, select the bank name. For gas station category, select company. For repair shop category, select vehicle type and brand.
  4. After that, select the place radius that wants to find.
  5. Click one of the places in result list.
  6. Click the place marker on the map.
  7. Click 'Get Direction' button on information dialog.

Make Phone Call
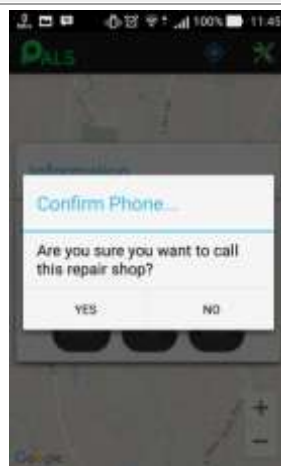
Description: Make a phone call to repair shop.
Policy: Phone call feature is only available in repair shop category.

Manual Instruction:
    1. Open PALS Android Application.
    2. Select Find Repair Shop.
    3. Select vehicle type, brand and place radius that wants to find.
    4. Click one of the places in result list.
    5. Click the place marker on the map.
    6. Click 'Call' button on information dialog.
    7. Confirm the call action in confirmation dialog.

Input Location Category
Description: Selecting which category location that wanted to be added
Policy: -
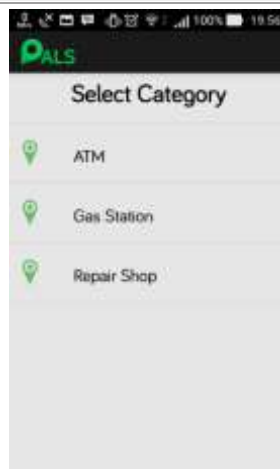
Manual Instruction:
    1. Open PALS Android Application.
    2. Click 'input location' button.

Map Input
Description: Select the place position on map.

Policy: The map area will be centered to the user position at first. To mark the location, user can add a marker by touching any position on the map.

Manual Instruction:
1. Open PALS Android Application.
2. Click 'input location' button.
3. Select category (ATM, gas station, or repair shop).
4. Set marker to be a new location by touch the map.

ATM Form

Description: New ATM location form.

Policy: User must fill all required fields to add new location.

Manual Instruction:
1. Open PALS Android Application.
2. Click 'input location' button.
3. Select ATM category.
4. Set marker to be a new location by touch the map.
5. Click "Checklist" button.
6. Fill the required field.
7. Click "Submit" button.

Gas Station Form
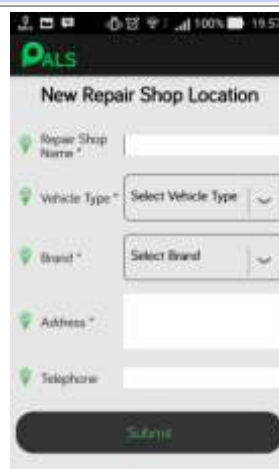
Description: New gas station location form.
Policy: User must fill all required fields to add new location.
Manual Instruction: 1. Open PALS Android Application. 2. Click 'input location' button. 3. Select Gas Station category. 4. Set marker to be a new location by touch the map. 5. Click "Checklist" button. 6. Fill the required field. 7. Click "Submit" button.

Repair Shop Form
Description: New repair shop location form.
Policy: User must fill all required fields to add new location.
Manual Instruction: 1. Open PALS Android Application. 2. Click 'input location' button. 3. Select Repair Shop category. 4. Set marker to be a new location by touch the map. 5. Click "Checklist" button. 6. Fill the required field. 7. Click "Submit" button.

Help
Description: A help page to guide users in using PALS application.
Policy: This page is only available in main page. For each question, will be expanded into the description field.

Manual Instruction:
    1. Open PALS Android Application.
    2. Click 'Help' option.
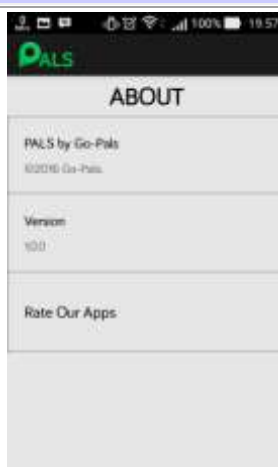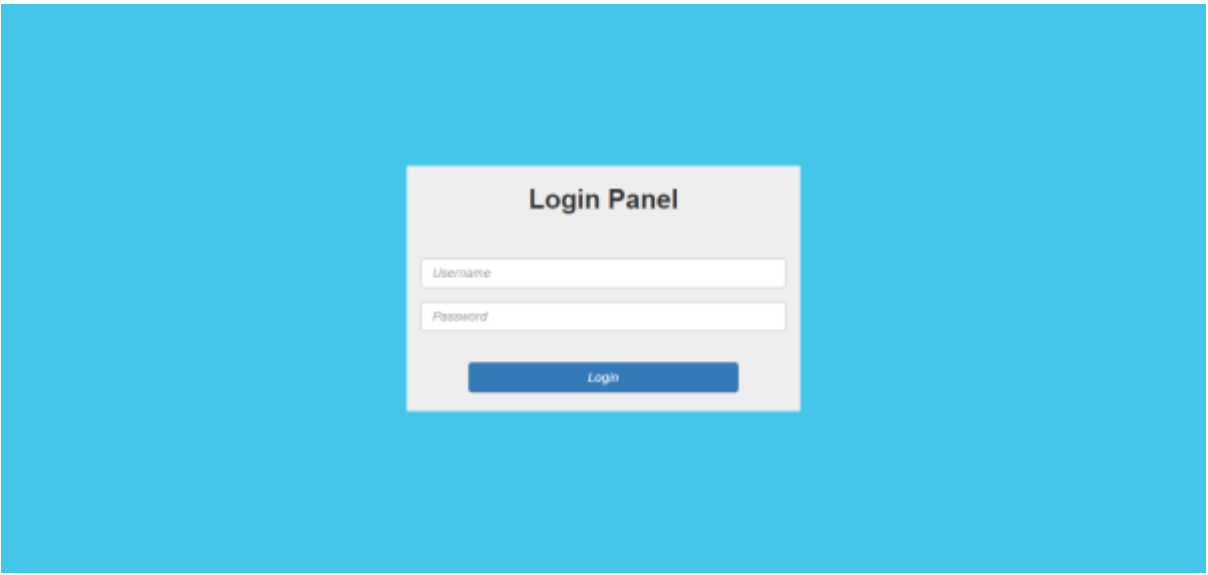
About
Description: To see the information about PALS application
Policy: This page is only available in main page. 'Rate Our App' button will direct to Google Play Store page.

Manual Instruction:
    1. Open PALS Android Application.
    2. Click 'About' option.

2.2 Administrator Website
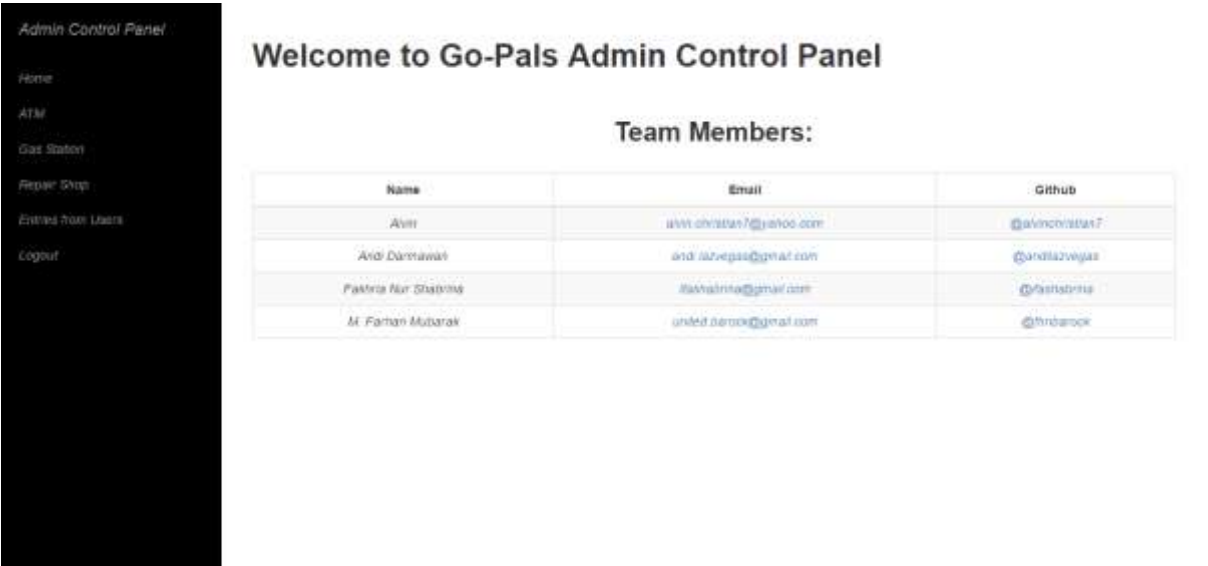
Login
Description: Login page for administrator.
Policy: Administrator must login first by inputting username and password before entering the system.
Manual Instruction: 1. Open administrator website: www.gopals.esy.es.

Home Page
Description: Provide the information about developers.
Policy: -

Manual Instruction:
    1. Open administrator website: www.gopals.esy.es.
    2. Fill username and password in login panel and click Login button.

View ATM Data

Description: When administrator selects "ATM" in sidebar menu, the website will open a page that shows a table which contains data for ATM category.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "ATM" in sidebar menu.

Input ATM Data

Description: Input ATM data form.

Policy: All required field must be filled.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "ATM" in sidebar menu.
4. Click 'New ATM Data' button.
5. Fill the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
6. Click "Submit" button.

Edit ATM Data

Description: Edit ATM data form.

Policy: All required field must be filled.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "ATM" in sidebar menu.
4. Click "Edit" button on data that want to be edited.
5. Edit the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
6. Click "Submit" button.

Delete ATM Data

Description: Delete the ATM data.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "ATM" in sidebar menu.
4. Click "Delete" button on data that want to be deleted.
5. Confirm the deletion of data.

View Gas Station Data

Description: When administrator selects "Gas Station" in sidebar menu, the website will open a page that shows a table which contains data for gas station category.

Policy: -

Manual Instruction:
    1. Open administrator website : www.gopals.esy.es
    2. Fill username and password in login panel and click Login button.
    3. Click "Gas Station" in sidebar menu.

Input Gas Station Data
Description: Input Gas Station data form.
Policy: All required field must be filled.

Manual Instruction:
    1. Open administrator website : www.gopals.esy.es
    2. Fill username and password in login panel and click Login button.
    3. Click "Gas Station" in sidebar menu.
    4. Click 'New Gas Station Data' button.
    5. Fill the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
    6. Click "Submit" button.

Edit Gas Station Data

Description: Edit gas station data form.

Policy: All required field must be filled.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Gas Station" in sidebar menu.
4. Click "Edit" button on data that want to be edited.
5. Edit the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
6. Click "Submit" button.

Delete Gas Station Data

Description: Delete the gas station data.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Gas Station" in sidebar menu.
4. Click "Delete" button on data that want to be deleted.
5. Confirm the deletion of data.

View Repair Shop Data

Description: When administrator selects "Repair Shop" in sidebar menu, the website will open a page that shows a table which contains data for repair shop category.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Repair Shop" in sidebar menu.

Input Repair Shop Data
Description: Input Repair Shop data form.
Policy: All required field must be filled.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Repair Shop" in sidebar menu.
4. Click 'New Repair Shop Data' button.
5. Fill the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
6. Click "Submit" button.

| **Edit Repair Shop Data** |
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| **Description:** Edit repair shop data form. |
| **Policy:** All required field must be filled. |
| **Manual Instruction:**
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Repair Shop" in sidebar menu.
4. Click "Edit" button on data that want to be edited.
5. Edit the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
6. Click "Submit" button. |

Delete Repair Shop Data
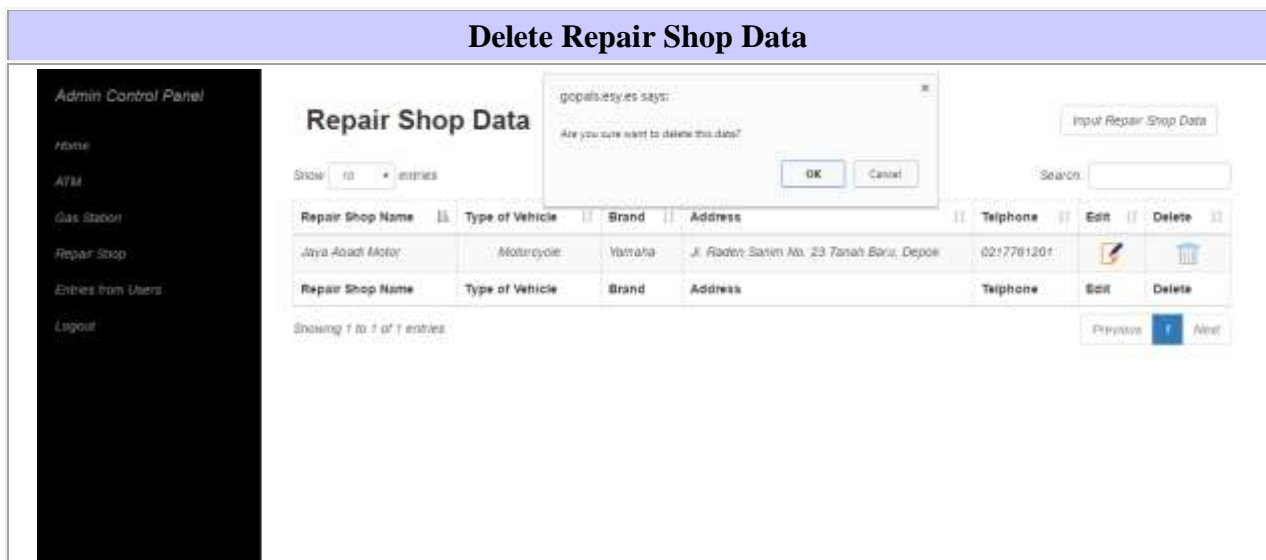
Description: Delete the repair shop data.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Repair Shop" in sidebar menu.
4. Click "Delete" button on data that want to be deleted.
5. Confirm the deletion of data.

User Inputted Category Page
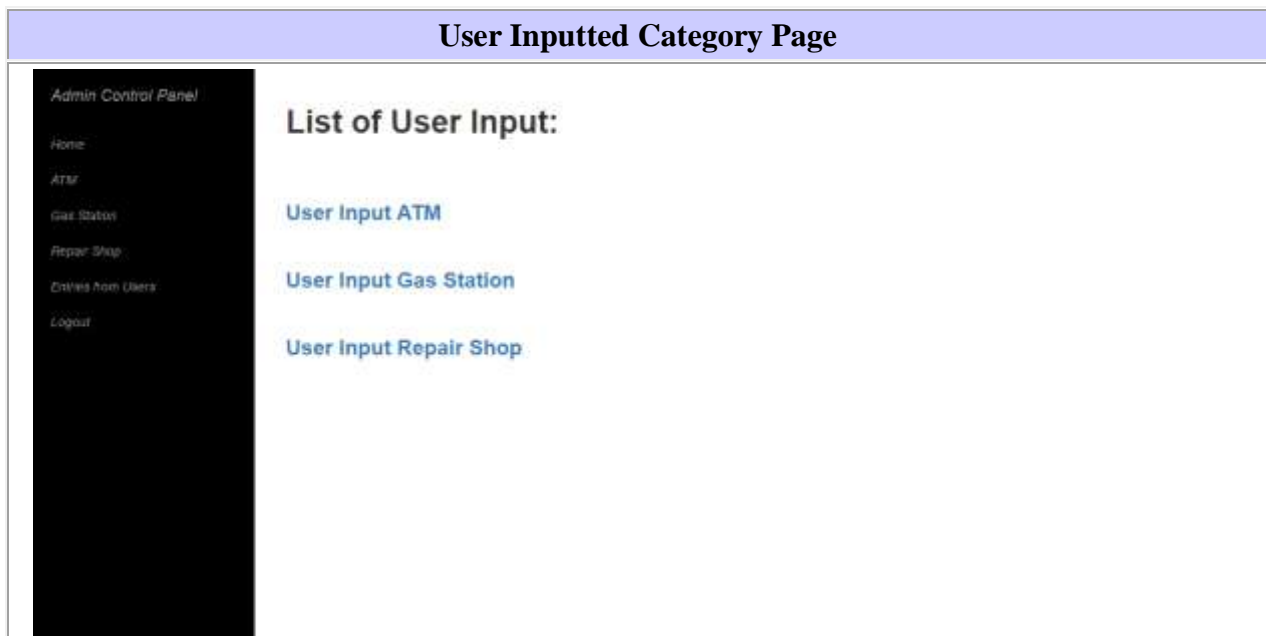
Description: When administrator selects "Entries from Users" in sidebar menu, the website will open a page that shows a table which contains option for "Entries from Users" category.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es

2. Fill username and password in login panel and click Login button.
3. Click "Entries from Users" in sidebar menu.

View User Inputted Data

Description: View list of data per category that inputted by user.

Policy: -

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Entries from Users" in sidebar menu.
4. Select a category of user input (ATM, Gas Station, or Repair Shop).

| **Edit User Inputted Data** |
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| **Description:** Edit user inputted data form. |
| **Policy:** The data that can be edited must be inputted by users using PALS Android application beforehand. |
| **Manual Instruction:**
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Entries from Users" in sidebar menu.
4. Select a category of user input (ATM, Gas Station, or Repair Shop).
5. Click "Edit" button on data that want to be edited.
6. Edit the required field. For latitude and longitude, administrator can click the position from the map to get position latitude and longitude or input the latitude and longitude coordinate directly.
7. Click "Submit" button. |

Confirm User Inputted Data
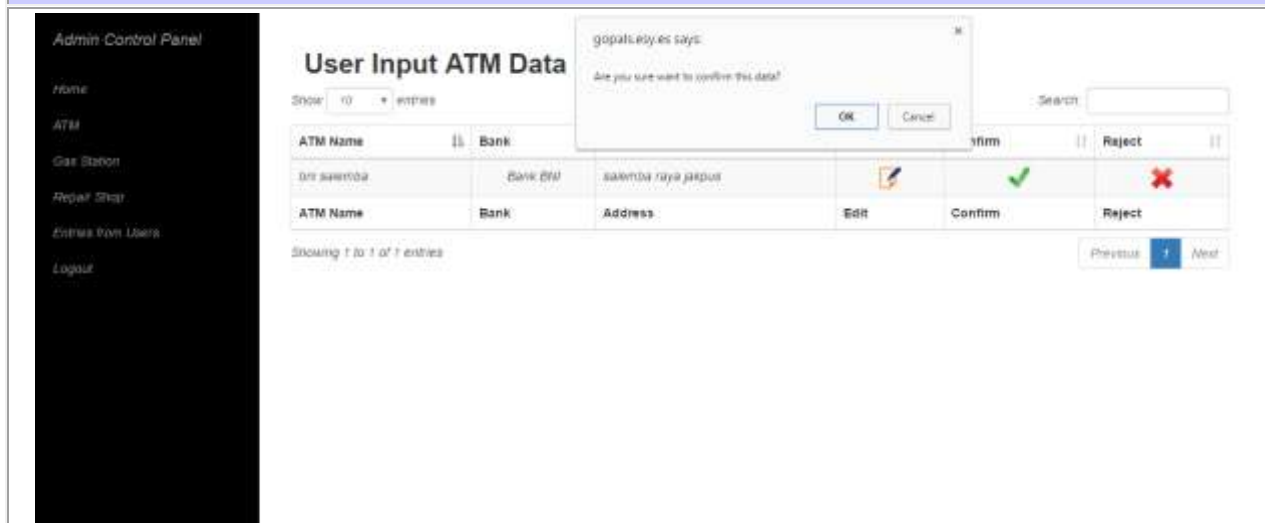
Description: Confirm the data that inputted by user.

Policy: Administrator can confirm inputted data if the data is valid and not available yet.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es
2. Fill username and password in login panel and click Login button.
3. Click "Entries from Users" in sidebar menu.
4. Select a category of user input (ATM, Gas Station, or Repair Shop).
5. Click "Confirm" button on data that want to be edited.
6. Click "OK" on confirmation dialog to confirm user inputted data.

Reject User Inputted Data
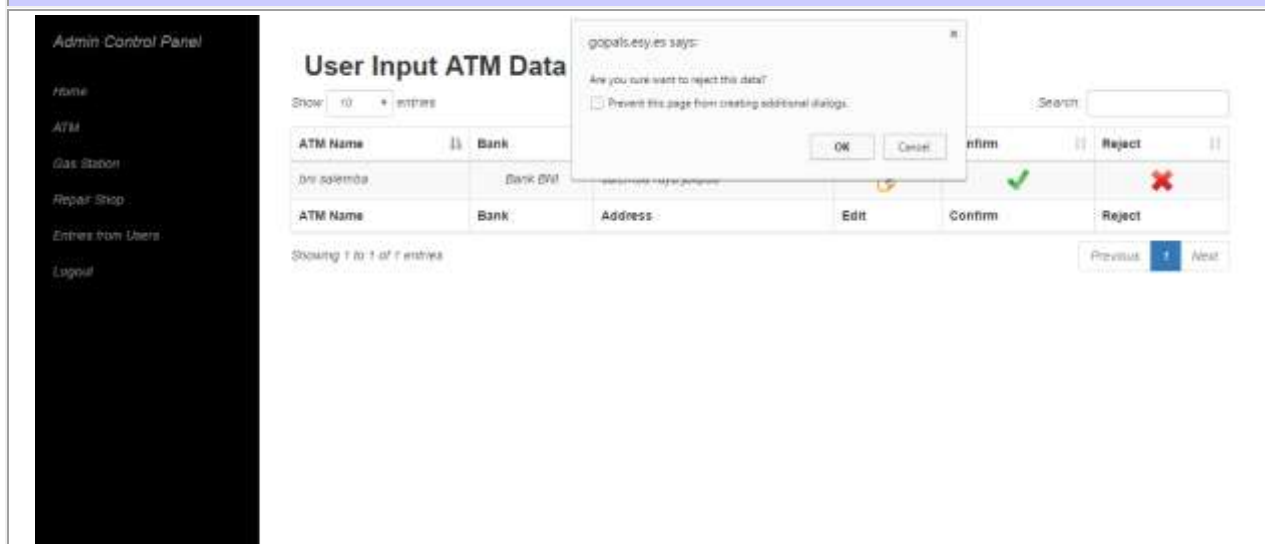
Description: Reject the data that inputted by user.

Policy: Administrator can reject inputted data if the data is invalid or has been available.

Manual Instruction:
1. Open administrator website : www.gopals.esy.es

2. Fill username and password in login panel and click Login button.
3. Click "Entries from Users" in sidebar menu.
4. Select a category of user input (ATM, Gas Station, or Repair Shop).
5. Click "Reject" button on data that want to be edited.
6. Click "OK" on confirmation dialog to reject user inputted data.