

TEST PLAN AND TEST RESULTS

Application: Amazonia



1. TEST CASE : Log-in

1.1. Use Case: Log-in a company

Primary Actor: Operator, Drivers, Companies.

Stakeholders and Goals:

Log-in to enter the application.

Preconditions:

The user has started the app and completed signing up with its type of user.

Success guarantee (Post-conditions):

The user enters the app and has access to its functionalities depending on the type of user.

Main Success Scenario:

1. User types its username and password.
2. The system verifies if the credentials are correct.
3. Log-in registered in the system.
4. The system loads the area for the corresponding user.
5. The system gives access to the application.

Extensions (Alternative paths):

1. The user does not have some credentials.
 - 1.1. The user selects to continue as a non-registered user.
 - 1.2. The user selects to sign up.

EXCEPTION PATH → Credentials are not correct. Tell the user which credential is not correct.

Special Requirements:

Possibility to change preferred language.

Technology and Data Variations List:

Possibility to log-in with other accounts.

Frequency:

Low frequency of occurrence because there can only be one user in the system at a time.

Open Issues:

Possibility to add the option “Lost your password”?

Possibility to log-in from another account, for example, Gmail.

A company has the chance to enter the application and click the register button to introduce its credentials and navigate through the app. Once the company is registered, it is possible to do the log-in with the previous credentials.

1.2. Test case design (including expected inputs and outputs):**Preconditions:**

The company that wants to log-in needs to be registered in the application. In order to register, the user enters the name “company1” and the password “company1” (previously not registered in the application, for log-in), CIF Code “4268”, email address “compan1@gmail.com” and billing address “C/Escombrera,4”. Finally, a valid credit card number “1234567890123456” and a valid Zip Code “5293”.

Scenario:

1. The application is executed and it shows two buttons: Login and Register.
2. Company clicks the “Log-in” button.
3. Company enters the name and the password (the ones specified when registering).
4. Company selects the option of “Company” in the radio buttons located at the right side of the panel.
5. Company clicks the green button “Login”.
6. The user is finally logged-in as a company (if the preconditions are met and if the name and password are correct).

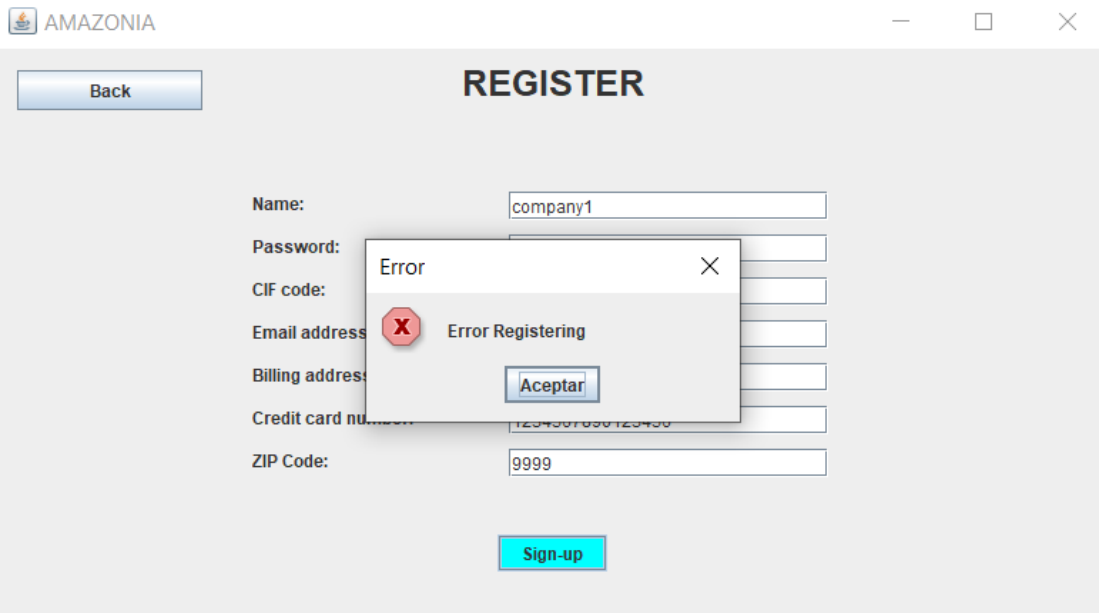
Alternative paths:

In 3 and 4, the company does not enter the correct credentials so a message “Incorrect username or password” is shown.

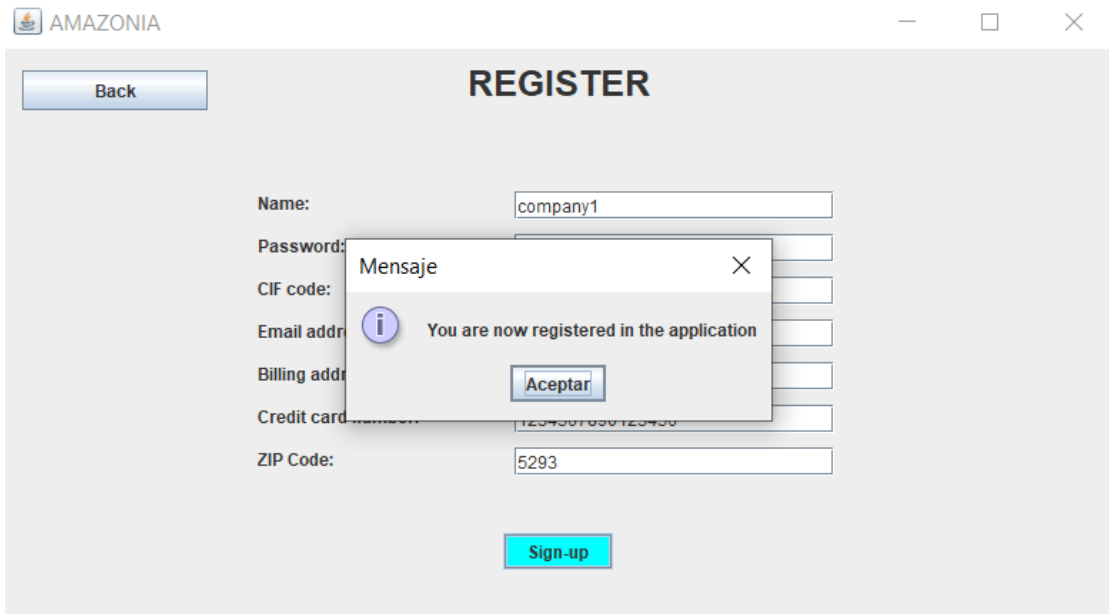
1.3. Test execution result



The company enters the application and two buttons are shown. The company clicks the "Register" button.

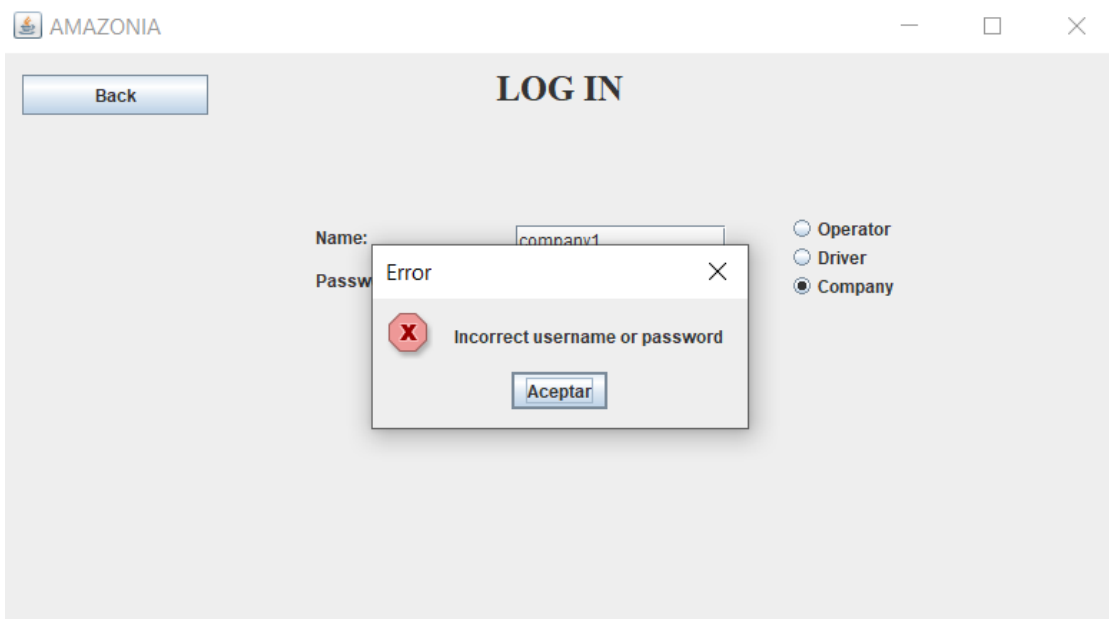


The company has entered a wrong ZIP code "9999" that is not in the list and a message "Error Registering" is shown.



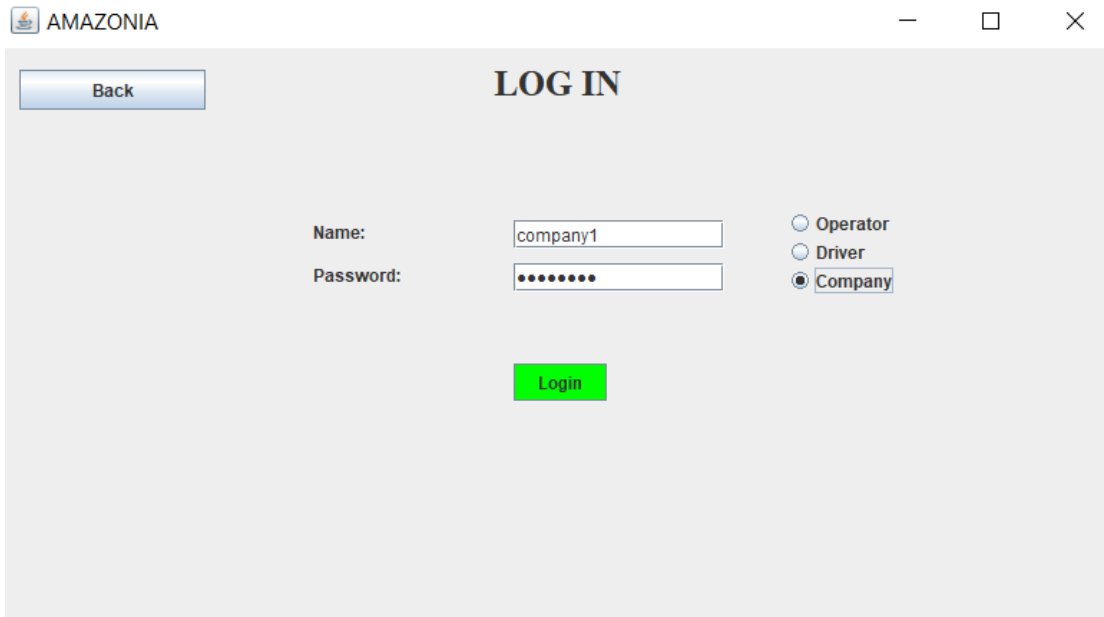
The screenshot shows a web application window titled "AMAZONIA" with a "REGISTER" form. The form includes fields for Name, Password, CIF code, Email address, Billing address, Credit card number, and ZIP Code. A "Back" button is at the top left, and a "Sign-up" button is at the bottom right. A modal dialog box titled "Mensaje" is overlaid on the form, displaying an information icon and the text "You are now registered in the application". An "Aceptar" button is at the bottom of the dialog. The "Name" field contains "company1" and the "ZIP Code" field contains "5293".

The company has entered valid credentials and a message "You are now registered in the application".



The screenshot shows a web application window titled "AMAZONIA" with a "LOG IN" form. The form includes fields for Name and Password, and radio buttons for Operator, Driver, and Company. A "Back" button is at the top left. A modal dialog box titled "Error" is overlaid on the form, displaying an error icon and the text "Incorrect username or password". An "Aceptar" button is at the bottom of the dialog. The "Name" field contains "company1". The "Company" radio button is selected.

The company has entered a wrong username or password and a message "Incorrect username or password" is shown.



AMAZONIA

Back

LOG IN

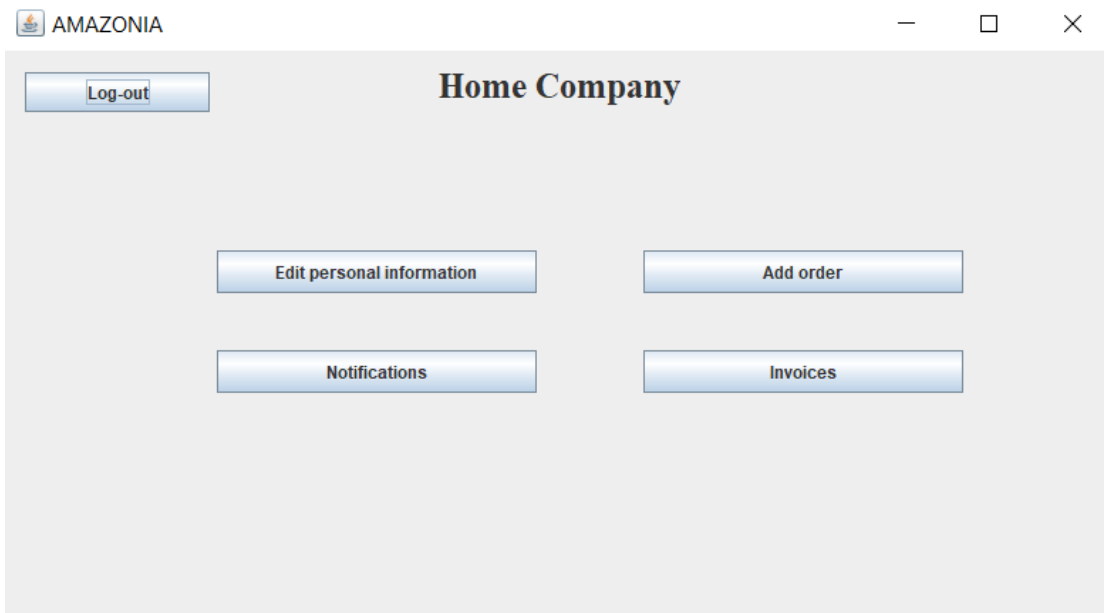
Name:

Password:

☐ Operator
☐ Driver
☒ Company

Login

The company selects the option of “Company” in the radio buttons and introduces the username “company1” and the password “company1” previously indicated in the registration.



AMAZONIA

Log-out

Home Company

Edit personal information

Add order

Notifications

Invoices

The company has clicked the Login button with correct credentials and the application shows the Home Company panel.

2. TEST CASE : Place Order

2.1. Use Case: Place Order

Primary Actor : Company

Stakeholders and Goals:

Place an order (as a consequence of being registered before)

Preconditions:

The user enters the system, logs-in successfully as a company, creates and submits an order.

Success guarantee (Post-conditions):

User types its credentials, the order is registered and saved into the system and the products would be delivered in the future.

Main Success Scenario:

1. The system verifies if the credentials are correct.
2. Log-in registered in the system.
3. The system loads the area for the company user.
4. The company access the new order option.
5. The company registrates the new order.
6. The company confirms the new order.
7. The new order is saved in the system.
8. Payment is performed.

Extensions (Alternative paths):

1. Credentials are not correct. Tell the user which credential is not correct.
2. The order contains an invalid delivery address (checked by Zip Code).
 - 2.1. The order is not accepted until a correct delivery address is entered in the system.

Special Requirements:

Possibility to create batches.

Technology and Data Variations List:

The order is not validated until the manager confirms it.

The client cannot have access to the invoice of the order until the manager validates the order.

Frequency:

High since it is expected to add several orders per day.

Open Issues:

Create an order reading the information from a file saving time for the company (mentioned in the previous point).

2.2 Test case design (including expected inputs and outputs):**Preconditions:**

1. The company needs to be registered in the system. In order to be able to register in the system, the company needs to provide a valid zip code and a unique password. Furthermore, in order for an order to be correctly placed the company has to provide a valid credit card.
2. The company has to successfully log in.

Scenario 1:

1. The application is executed and there are two buttons, log-in and Register
2. The company Registers entering valid values, name : "company", password: "Company", CIF code : "3333", email address: "company@company.com", billing address: "company address", credit card number: "1234567890123456", Zip Code : "1500"
3. The company presses the Back button back to the home Page and clicks the Login button. Log in panel is shown and the company enters its credentials. (username and password).
4. The company clicks on the Add Order button.
5. A panel containing fields for a product creation is shown. The company enters two products:
 - a. Type : Fragile, insured: checked, product weight: 5 kg, width: 5, height: 5, length: 5, Product Description: Product
 - b. Type : Standard, product weight: 6 kg, width: 5, height : 5, length: 5, Product Description: Product 2
6. The company clicks on the "Confirm order" button and the order is placed and paid correctly.

Scenario 2:

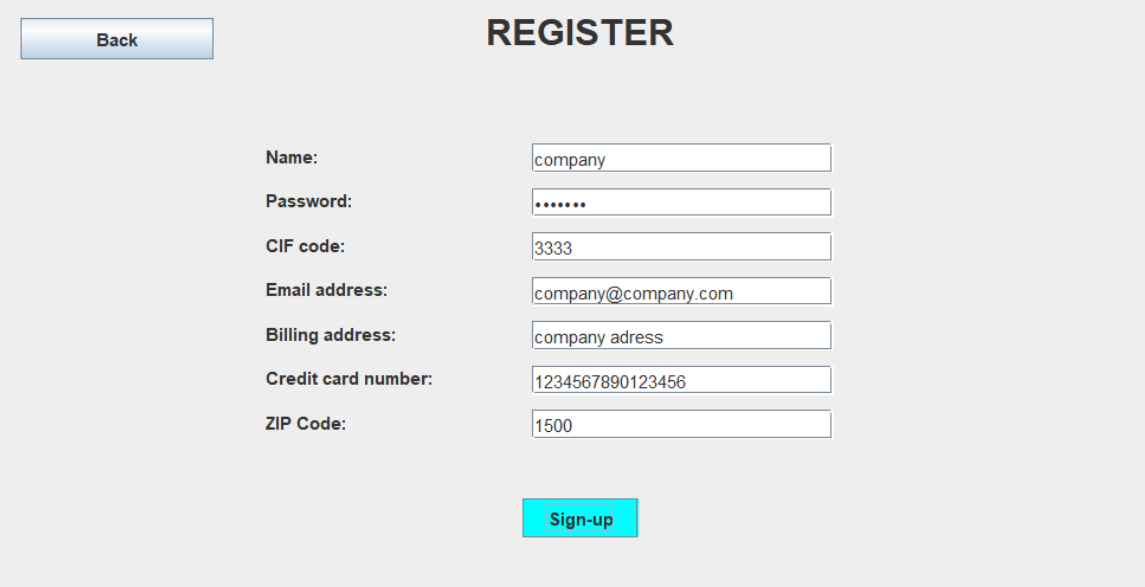
1. The application is executed and there are two buttons, log-in and Register
2. The company Registers entering valid values, name : "company", password: "Company", CIF code : "3333", email address:

"company@company.com", billing address: "company address", credit card number: "1234567890123456", Zip Code: 1500

7. The company presses the Back button, returns to the Home page and clicks the Login button. Login panel is shown and the company enters its credentials. (username and password).
8. The company clicks on the "Add Order" button.
9. A panel containing fields for a product creation is shown. The company enters two products:
 - a. Type : Fragile, insured: checked, product weight: 800 kg, width : 5, height: 5, length: 5, Product Description: Product
10. The company clicks on the "Confirm order" button and an error message is shown showing that the order could not be placed since the weight is not correct.

2.3. Test execution result

Scenario 1:

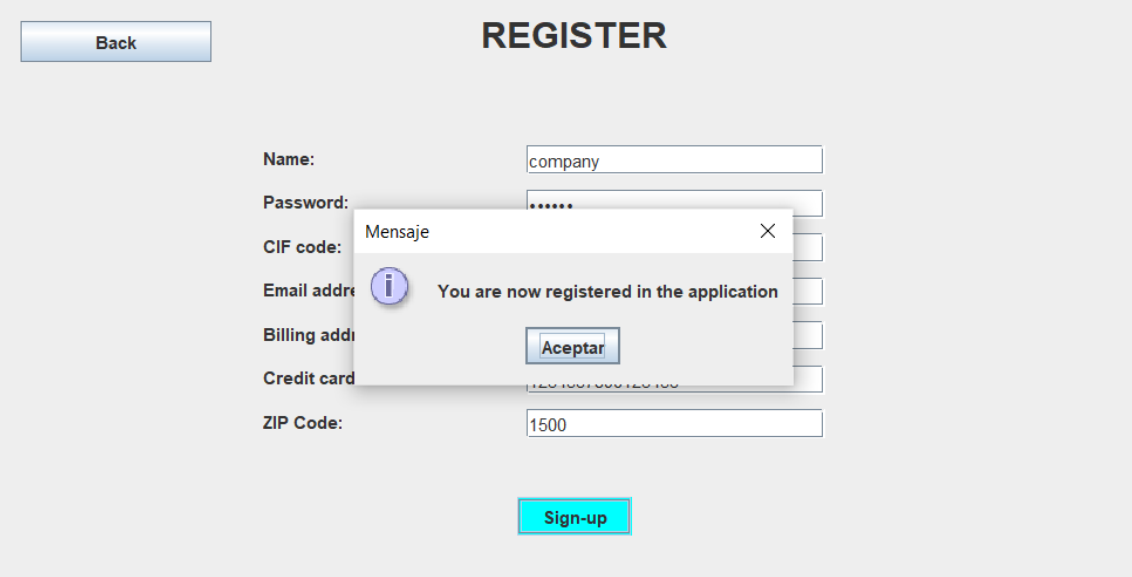


The screenshot shows a web form titled "REGISTER". In the top left corner is a "Back" button. The form contains the following fields, all of which are filled with test data:

- Name: company
- Password: (masked)
- CIF code: 3333
- Email address: company@company.com
- Billing address: company adress
- Credit card number: 1234567890123456
- ZIP Code: 1500

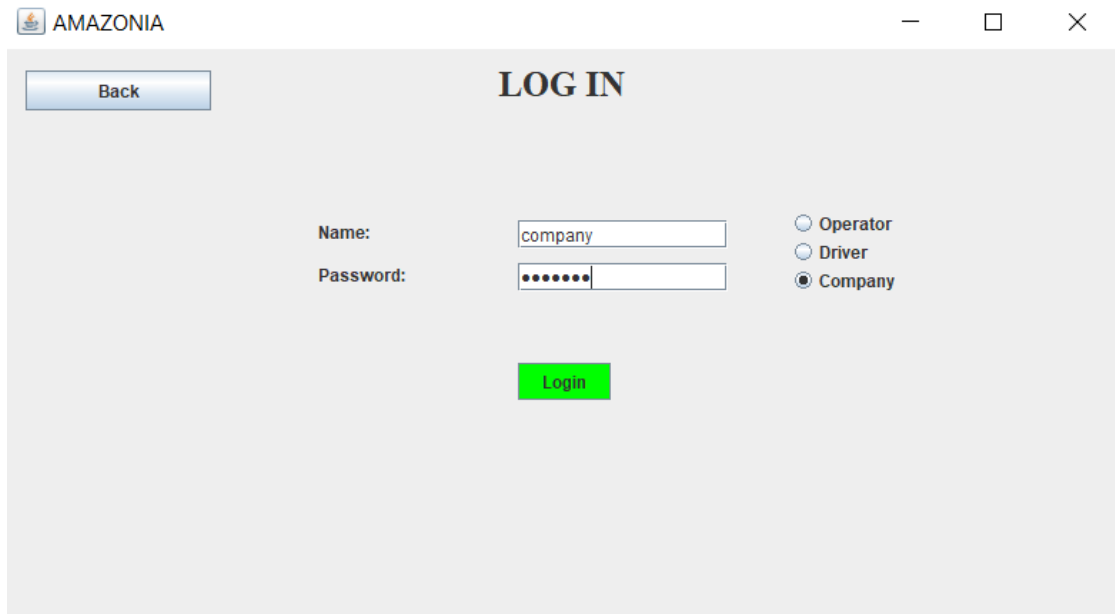
At the bottom right of the form is a cyan "Sign-up" button.

The company types its information in the “Register” section.



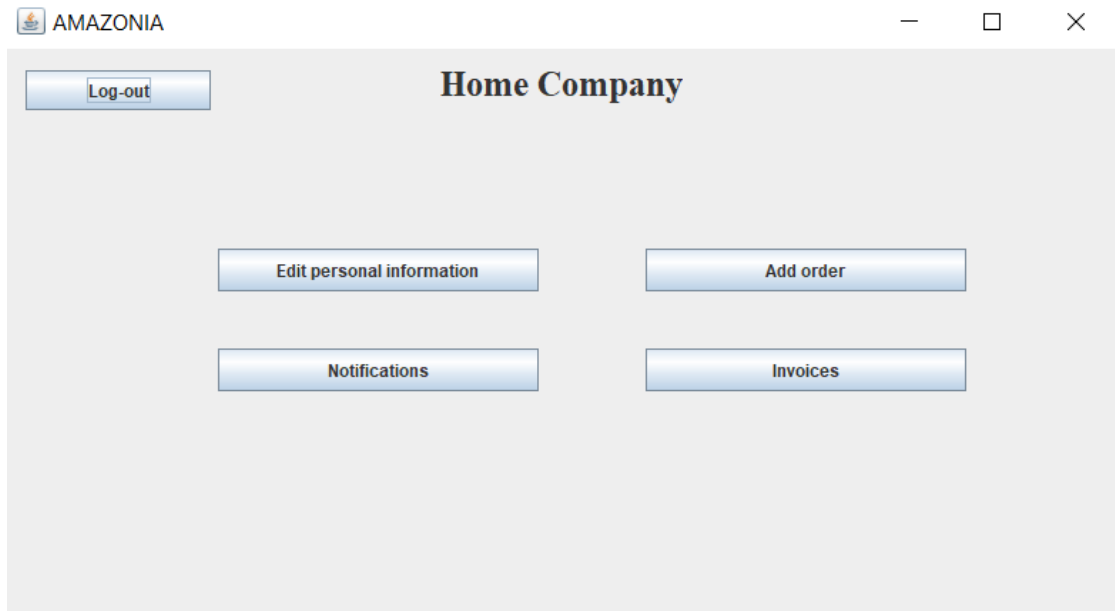
This screenshot shows the same "REGISTER" form as the previous one, but with a modal message box overlaid in the center. The message box has a title bar that says "Mensaje" and a close button (X). Inside the box, there is an information icon (i) and the text "You are now registered in the application". At the bottom of the message box is an "Aceptar" button. The form fields behind the message box are partially visible and appear to contain the same test data as in the previous screenshot.

If the credentials are correct (valid credit card and ZIP code in the list), a message “You are now registered in the application” is shown.



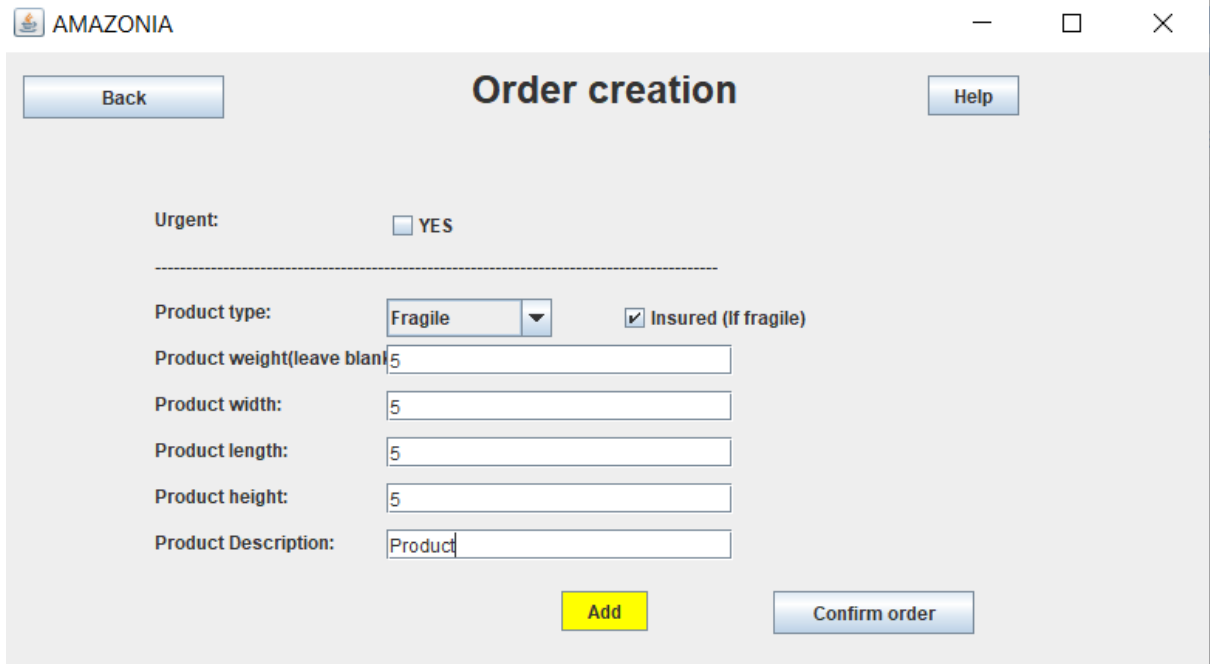
The screenshot shows a web application window titled "AMAZONIA". The main heading is "LOG IN". In the top-left corner, there is a "Back" button. The login form consists of two input fields: "Name:" with the value "company" and "Password:" with masked characters "*****". To the right of these fields are three radio buttons labeled "Operator", "Driver", and "Company", with "Company" being the selected option. Below the input fields is a green "Login" button.

The company logs-in the application with the username and password previously typed.



The screenshot shows the same "AMAZONIA" application window, but now the user is logged in. The heading is "Home Company". In the top-left corner, there is a "Log-out" button. The main area contains four buttons arranged in a 2x2 grid: "Edit personal information", "Add order", "Notifications", and "Invoices".

Once the company is logged-in, the Home Company panel is shown.

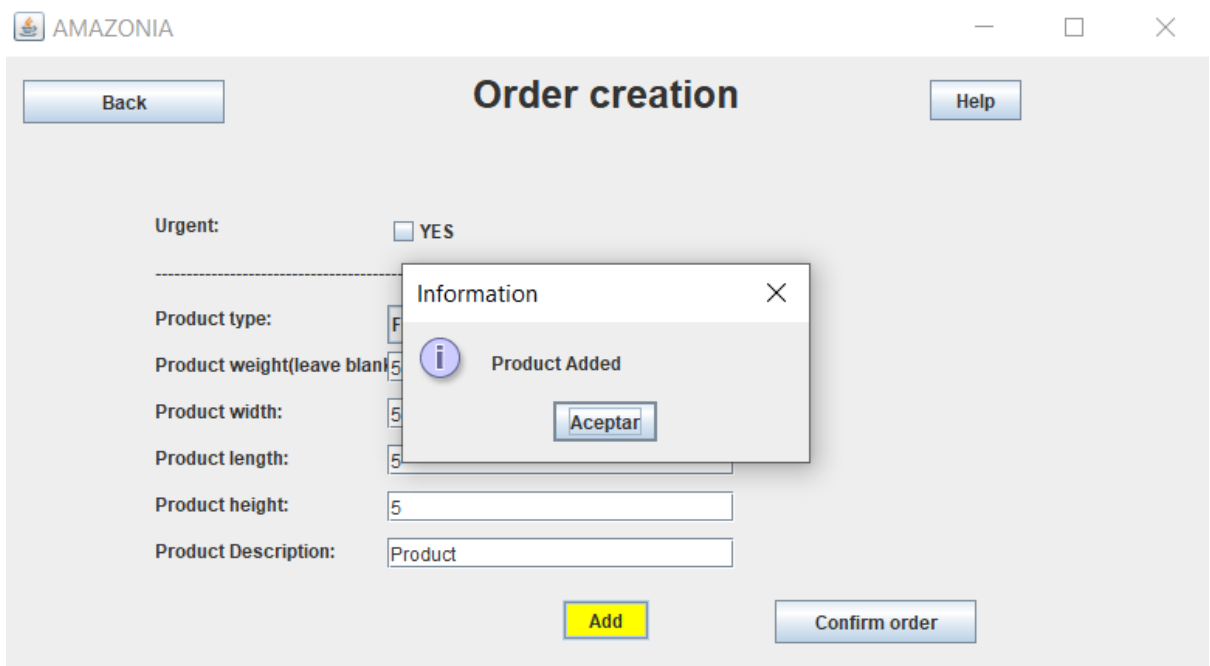


The screenshot shows a web application window titled "AMAZONIA" with a standard Windows-style title bar (minimize, maximize, close buttons). The main content area is titled "Order creation" and contains a form with the following elements:

- Back** button (top left) and **Help** button (top right).
- Urgent:** checkbox labeled **YES** (unchecked).
- Product type:** dropdown menu showing **Fragile** and a **▼** arrow.
- Insured (If fragile):** checkbox (checked).
- Product weight(leave blank):** text input field containing **5**.
- Product width:** text input field containing **5**.
- Product length:** text input field containing **5**.
- Product height:** text input field containing **5**.
- Product Description:** text input field containing **Product**.
- Add** button (yellow) and **Confirm order** button (blue) at the bottom right.

The company types some information on the order it wants to create.

Type: Fragile, Insured: checked, Product weight: 5 kg, width: 5, height: 5, length: 5, Product Description: Product.

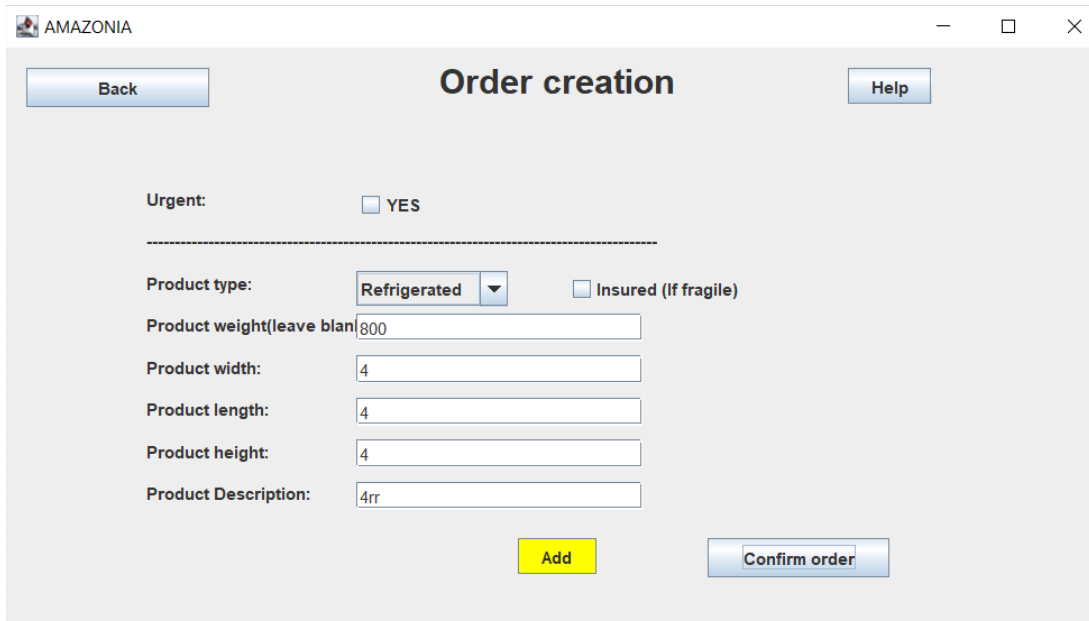


This screenshot shows the same "Order creation" form as above, but with an "Information" dialog box overlaid in the center. The dialog box contains:

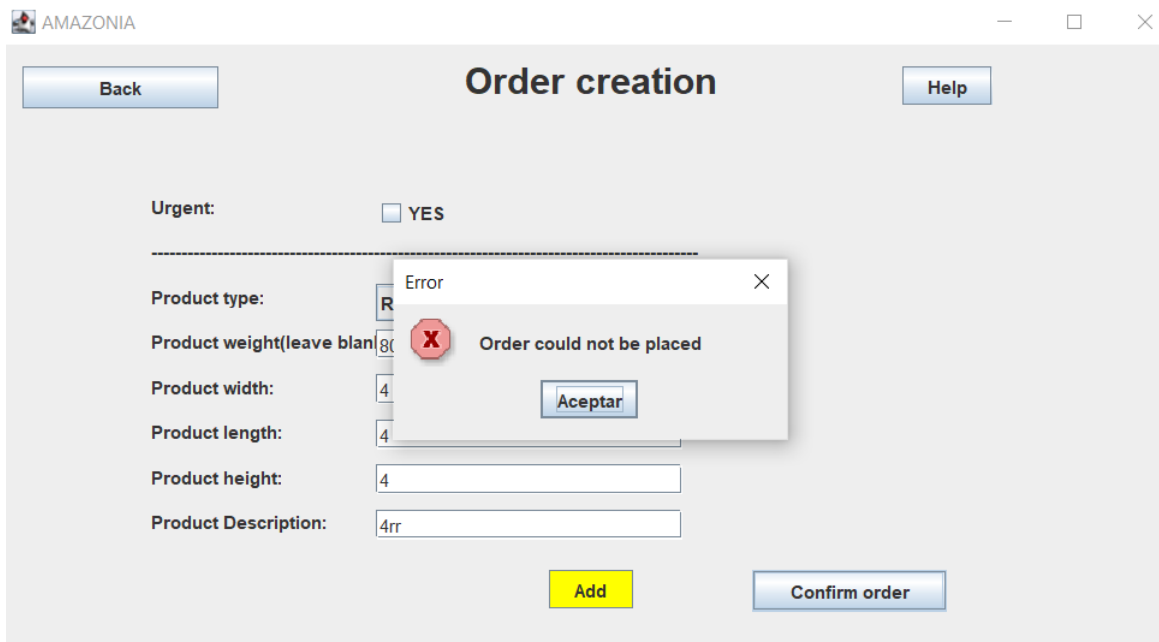
- An information icon (i) and the text **Product Added**.
- An **Aceptar** button.

The background form is partially obscured by the dialog box, but the "Add" button remains visible at the bottom.

The company clicks the yellow "Add" button and the product is successfully added to the order.

Scenario 2 (Everything is the same from scenario 1 until Order Creation):

The company types the information about the order it wants to create.



The company types a higher weight than it is allowed so the message “Order could not be placed” is shown.

The screenshot shows a web application window titled "AMAZONIA" with a standard window control bar (minimize, maximize, close). The main content area is titled "Order creation" and contains a form with the following fields:

- Urgent:** A checkbox labeled "YES" which is currently unchecked.
- Product type:** A dropdown menu with "S" selected.
- Product weight(leave blank):** A text input field containing "6".
- Product width:** A text input field containing "5".
- Product length:** A text input field containing "5".
- Product height:** A text input field containing "5".
- Product Description:** A text input field containing "Product 2".

At the bottom of the form are two buttons: a yellow "Add" button and a blue "Confirm order" button. An "Information" dialog box is overlaid on the form, displaying a blue information icon, the text "Product Added", and an "Aceptar" button. The dialog box has a close button (X) in the top right corner. Navigation buttons "Back" and "Help" are located at the top of the form area.

The company has created another order with a valid weight and the system shows a "Product Added" message.