

# User Manual

Application Name: EasyRent

Version: 1.0

Date: 2023-05-21

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## Introduction

EasyRent is a simple renting information management application written in VB.NET. It can be used to create, read, update, and delete records.

## Getting Started

To use EasyRent, install first the setup file. After that, open the application shortcut that can be found in your Desktop. You may login as a user or an admin. If you don't have an account yet, you may create one. The login credentials are provided below.

## Features

EasyRent supports the following features:

### *Admin Side*

Login

Items – View, Add, Update, Delete items. You can also export the record in Excel file.

Categories – View, Add, Update, Delete categories.

Orders – View and export record in Excel file.

Users – View, Insert, Update, and Delete users. You can also export the record in Excel file.

Backup – Browse file path and create backup file for your database.

### *User Side*

Login and Register

Items – Choose items and rent

Orders – Confirm order

Profile

**If you encounter any problems while using EasyRent, please refer to the following troubleshooting tips:**

Make sure your MySQL is running and the database is opened in you MySQL Workbench.

Before exporting records to Excel, make sure that there is no opened MS Excel Application in the background. Check your Task Manager then go to Processes and Users. If it is still not working, go to Task Manager and restart Windows Explorer.

Please don't mind some minor error message that may show up such as 'cannot connect to server' **after** updating or deleting data. The code works just fine, just go to other page then go back to see the changes.

\*Note: After creating the installer package, some program features begin to show some errors (e.g. Report Exportation, User Items, and User Orders). In this case, the developer is asking the user to download the code from the github link: [https://github.com/marifiediane09/EDP\\_Project](https://github.com/marifiediane09/EDP_Project), in order to check its functionalities. The code works fine when it is run in the Visual Studio.

If you have any questions or feedback about EasyRent, please contact the developer at [mbnrs09@gmail.com](mailto:mbnrs09@gmail.com).

Thank you for using EasyRent!

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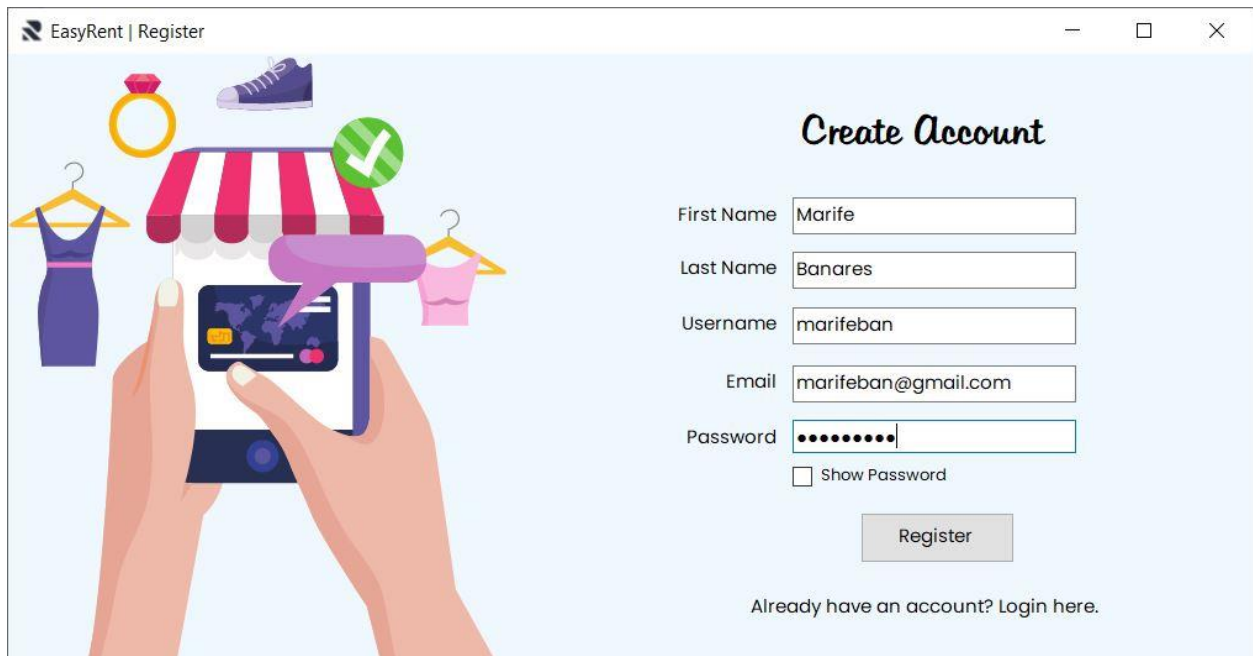
## Login Screen

## Login Credentials

- for admin > username: admin & password: admin
- for users > username: sheenab & password: shelll

After entering your credentials, you may click Login. If you don't have an account yet as a user, you may click the 'Register here.'

## Register Screen



EasyRent | Register

### Create Account

First Name

Last Name

Username

Email

Password

☐ Show Password

Already have an account? [Login here.](#)

After creating an account, you will be redirected to the user profile interface. Remember that the logout button is in this page. You may choose to go to Items, Categories, Orders, or Profile.

## User Profile Screen

EasyRent | Profile

Items

Categories

Orders

Profile

EasyRent

### Profile


First Name:

Last Name:

Email:

Password:

Update

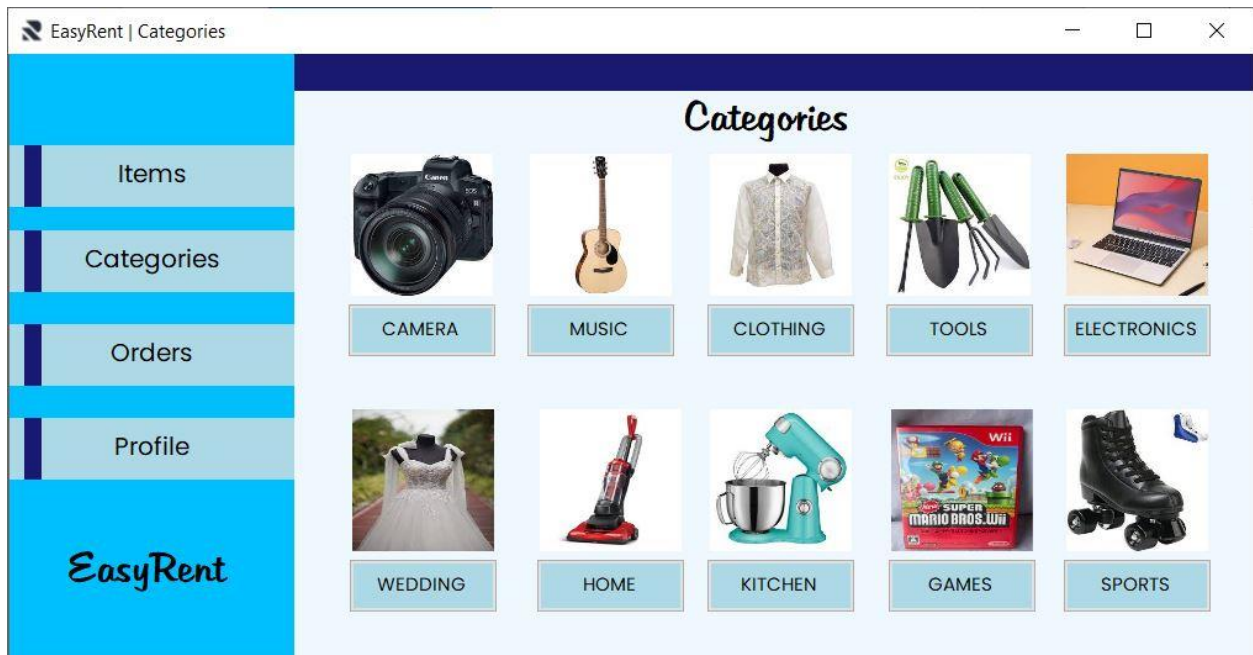


UserID:

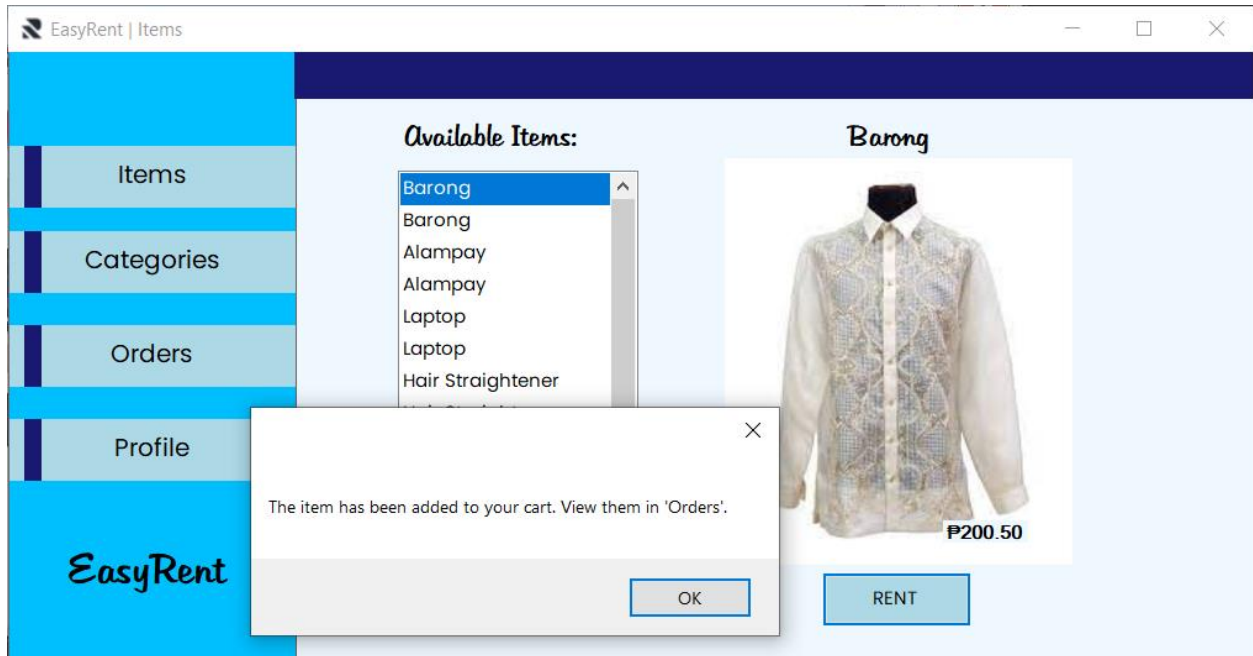
Username:

Logout

## Categories Screen

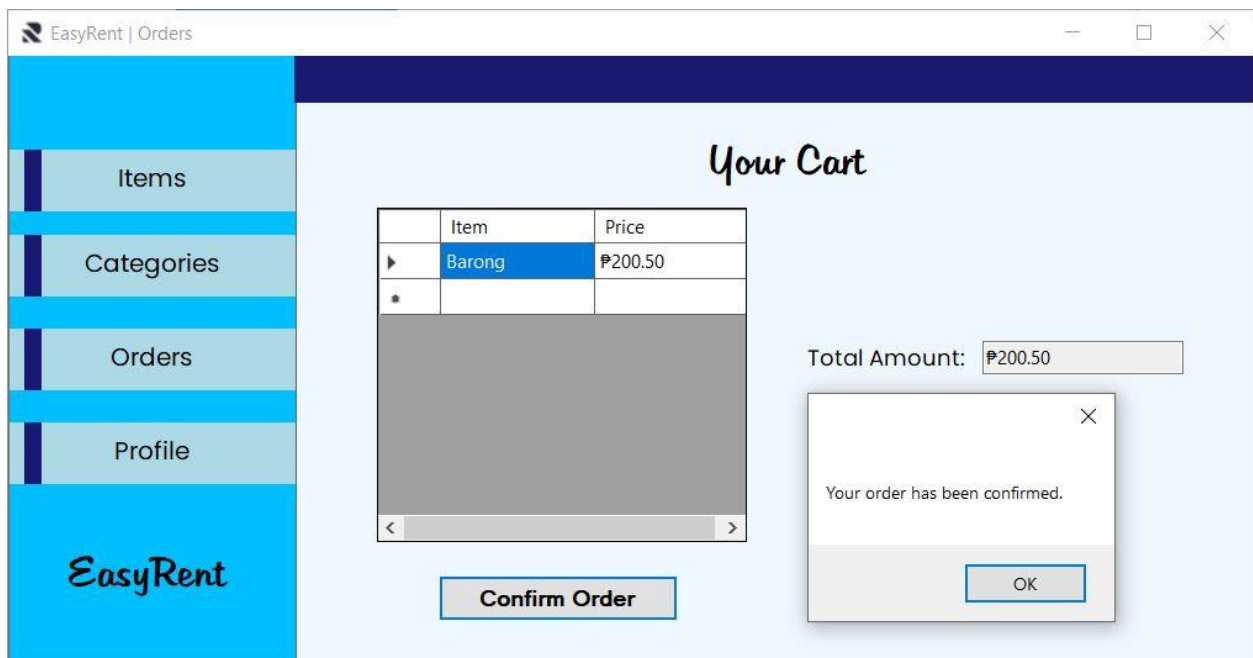


## Items Screen



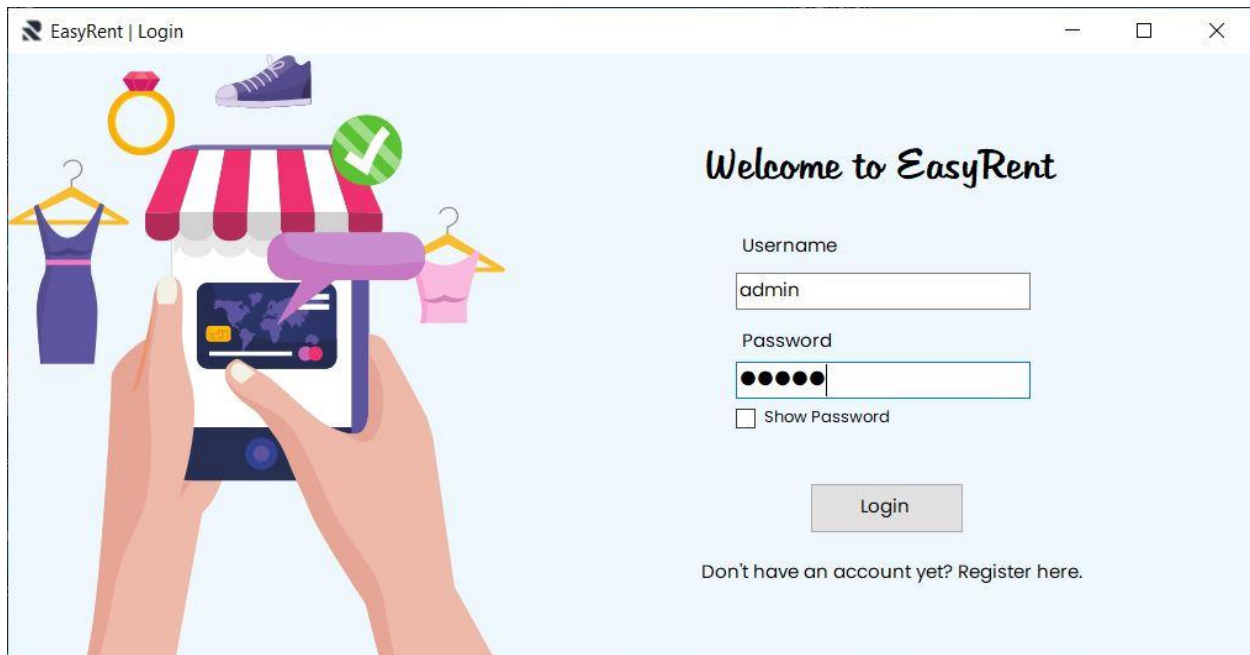
If these part is not working in the installed application, you may download the code here: [https://github.com/marifiediane09/EDP\\_Project](https://github.com/marifiediane09/EDP_Project).

## Cart/Order Screen



If these part is not working in the installed application, you may download the code here: [https://github.com/marifiediane09/EDP\\_Project](https://github.com/marifiediane09/EDP_Project).

## Admin Login Screen



The login screen features a light blue background with a central illustration of hands holding a smartphone displaying a world map. Surrounding the phone are various fashion items: a purple dress, a gold ring, a purple sneaker, a pink top, and a green checkmark. To the right, the text 'Welcome to EasyRent' is displayed above a login form. The form includes fields for 'Username' (containing 'admin') and 'Password' (masked with dots), a 'Show Password' checkbox, and a 'Login' button. A link 'Don't have an account yet? Register here.' is located at the bottom.

EasyRent | Login

Welcome to EasyRent

Username  
admin

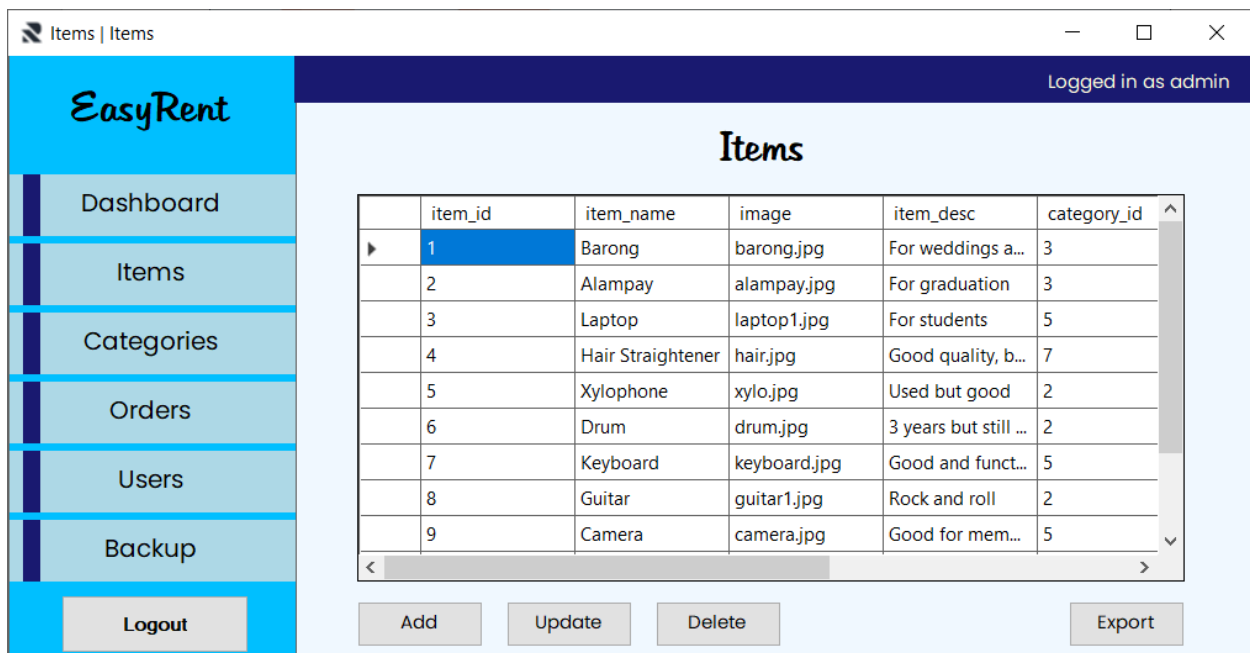
Password  
●●●●●

☐ Show Password

Login

Don't have an account yet? Register here.

## Admin – View Items



The admin interface shows a sidebar with navigation options: Dashboard, Items, Categories, Orders, Users, Backup, and Logout. The main area displays a table of items with columns for item\_id, item\_name, image, item\_desc, and category\_id. The table contains 9 rows of data. Below the table are buttons for 'Add', 'Update', 'Delete', and 'Export'. The top right corner indicates 'Logged in as admin'.

Items | Items

Logged in as admin

EasyRent

Dashboard

Items

Categories

Orders

Users

Backup

Logout

Items

	item_id	item_name	image	item_desc	category_id
▶	1	Barong	barong.jpg	For weddings a...	3
	2	Alampay	alampay.jpg	For graduation	3
	3	Laptop	laptop1.jpg	For students	5
	4	Hair Straightener	hair.jpg	Good quality, b...	7
	5	Xylophone	xylo.jpg	Used but good	2
	6	Drum	drum.jpg	3 years but still ...	2
	7	Keyboard	keyboard.jpg	Good and funct...	5
	8	Guitar	guitar1.jpg	Rock and roll	2
	9	Camera	camera.jpg	Good for mem...	5

< >

Add Update Delete Export

## Admin – Add Item

EasyRent | Items

Logged in as admin

### EasyRent

- Dashboard
- Items
- Categories
- Orders
- Users
- Backup
- Logout

## Add Item

Item Name:

Description:

Category:

Price:

Item Status:

## Admin – Update Item

EasyRent | Items

Logged in as admin

### EasyRent

- Dashboard
- Items
- Categories
- Orders
- Users
- Backup
- Logout

## Update Item

You are editing the contents from Item ID:

Item Name:  Image Filename:

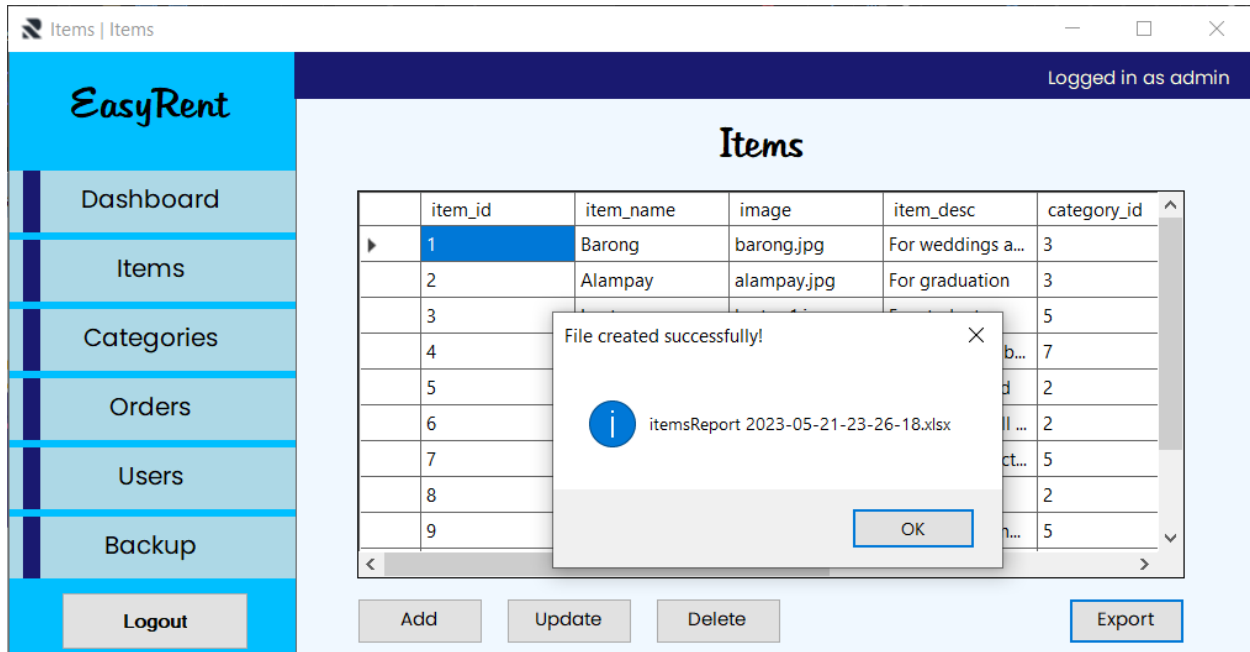
Description:  Category Id:

Price:  Owner Id:

Item Status:

\*Note: Update only the items from 1 to 10.

## Admin – Export/Print Items Report

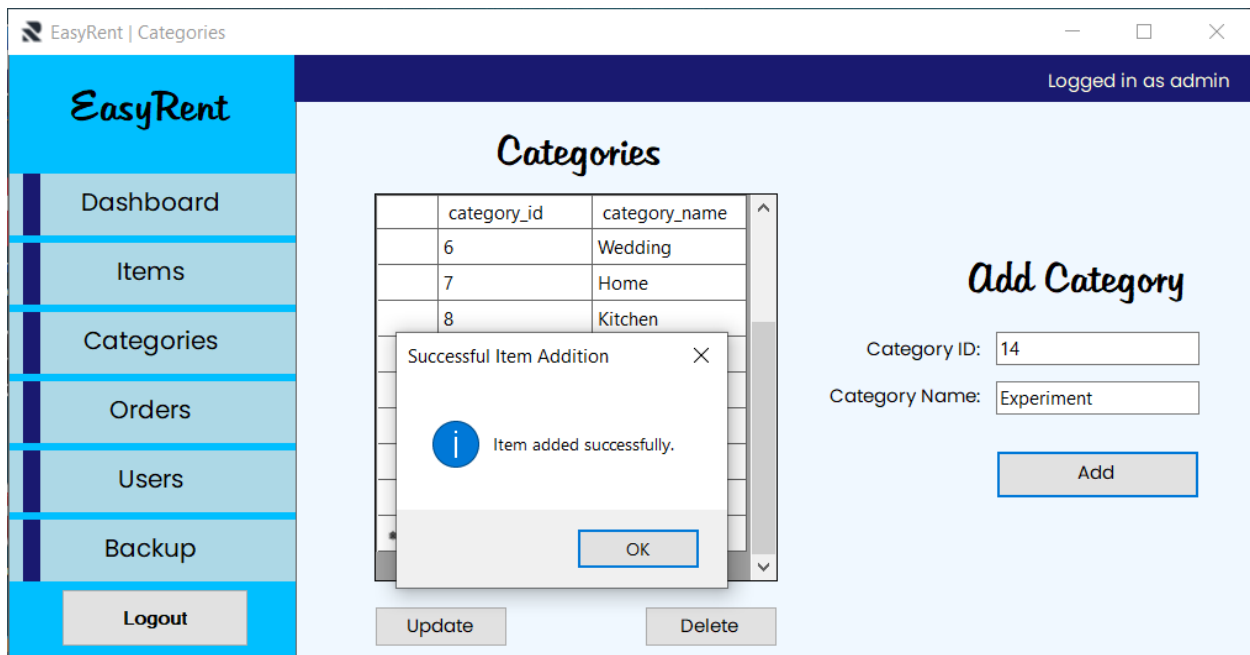


The screenshot shows the EasyRent Admin interface. On the left is a sidebar with navigation links: Dashboard, Items, Categories, Orders, Users, Backup, and Logout. The main content area is titled "Items" and displays a table of items. A modal dialog box is open in the center, displaying the message "File created successfully!" and "itemsReport 2023-05-21-23-26-18.xlsx" with an "OK" button. Below the table are buttons for "Add", "Update", "Delete", and "Export".

	item_id	item_name	image	item_desc	category_id
▶	1	Barong	barong.jpg	For weddings a...	3
	2	Alampay	alampay.jpg	For graduation	3
	3				5
	4				7
	5				2
	6				2
	7				5
	8				2
	9				5

Make sure that there are no opened Microsoft Excel in the background as this will prevent the report from being exported.

## Admin – Add New Category



The screenshot shows the EasyRent Admin interface. On the left is a sidebar with navigation links: Dashboard, Items, Categories, Orders, Users, Backup, and Logout. The main content area is titled "Categories" and displays a table of categories. A modal dialog box is open in the center, displaying the message "Successful Item Addition" and "Item added successfully." with an "OK" button. To the right of the table is a form titled "Add Category" with fields for "Category ID" (value: 14) and "Category Name" (value: Experiment), and an "Add" button. Below the table are buttons for "Update" and "Delete".

	category_id	category_name
	6	Wedding
	7	Home
	8	Kitchen



## Admin – Update Category

The screenshot shows the EasyRent Admin interface. On the left is a sidebar with the following menu items: Dashboard, Items, Categories, Orders, Users, Backup, and a Logout button. The main header area displays 'EasyRent | Categories' and 'Logged in as admin'. The main content area features a table of categories and an 'Add Category' form on the right.

The 'Update Category' dialog box is open, prompting the user to 'Enter the new category name:'. The input field contains the text 'Books'. The dialog has 'OK' and 'Cancel' buttons.

ID	Category Name
12	Vehicle
13	Creatives
14	Experiment
*	

Below the table are 'Update' and 'Delete' buttons. The 'Add Category' form on the right includes two input fields and an 'Add' button.

You may go to Dashboard or other page then go back to this one in order to see the changes.

## Admin – Delete Category

The screenshot shows the EasyRent Admin interface with the 'Delete Category' dialog box open. The dialog prompts the user to 'Enter the category ID to delete:'. The input field contains the value '14'. The dialog has 'OK' and 'Cancel' buttons.

ID	Category Name
13	Creatives
14	Books
*	

Below the table are 'Update' and 'Delete' buttons. The 'Add Category' form on the right is also visible.

## Admin – Export/Print Orders Report

EasyRent | Orders

Logged in as admin

### View Orders

	rental_id	renter_id	item_id	owner_id	rental_date
▶	1	1	2	3	01/01/2023
	2				15/01/2023
	3				10/01/2023
	4				05/01/2023
	5				20/01/2023
	6				08/01/2023
	7				13/01/2023
	8				02/01/2023
	9	9	4	6	04/01/2023

File created successfully!

ordersReport 2023-05-21-23-49-55.xlsx

OK

Export

Logout

## Admin – Insert Data to Users Table

EasyRent | Users

Logged in as admin

### Users

	user_id	fname	lname	username	email
	8				rick@gmail.co
	9			rim	loid@gmail.cc
	10				mikesy@gmai
	11			ules	hci@gmail.co
	12			00	pqr@gmail.co
	13			y	xyz@gmail.co
	14	Lily	Zy	cindy123	abc@gmail.cc
	22	Marife Diane	Banares	MBanares	mdiane@gma
*					

Data inserted to database successfully!

OK

Insert Data

Update

Delete

Export

Logout

## Admin – Update User

EasyRent | Items

Logged in as admin

### Update User

You are editing the contents from user ID: 22

First Name:  Last Name:

Username:  User role:

## Admin – Delete User

EasyRent | Users

Logged in as admin

### Users

Delete User

Enter the user ID to delete:

22	Marife Diane	Banares	MBanares	mdiane@gmail.com
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## Admin – Export/Print Users Report

The screenshot shows the 'EasyRent | Users' interface. A modal dialog box is displayed in the center, indicating 'File created successfully!' with an information icon and the filename 'userReport 2023-05-22-00-10-34.xlsx'. An 'OK' button is at the bottom right of the modal. In the background, a table lists users with columns: user\_id, fname, lname, username, and email. The table contains 9 rows of data. Below the table are buttons for 'Insert Data', 'Update', 'Delete', and 'Export'.

user_id	fname	lname	username	email
1				admin@gmail
2				eds@gmail.co
3				shebar@gmai
4				lv@gmail.com
5				anya@gmail.c
6				brianlim@gm
7				morty@gmail.
8	Rick	Brown	rickb	rick@gmail.co
9	Loid	Grim	loidgrim	loid@gmail.cc

## Backup Database

The screenshot shows the 'EasyRent | Backup' interface. A modal dialog box is displayed in the center, indicating 'Backup completed successfully.' with an 'OK' button. In the background, there is a text input field containing the path 'C:\Users\user\Desktop', a 'Browse' button, and a 'Backup' button.