



APPLICATION DEVELOPMENT

CLASS:
IT0501



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Introduce the project
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INTRODUCE THE PROJECT AND PROJECT REQUIREMENTS

The project I am working on is "Developing an Internal Training Management System for the Company"

Project requirements must create categories such as Category, Course, and Topic. These categories must be added, edited, or deleted to complete the interface.

PROJECT FUNCTIONS

Below is the project code for Developing an internal training management system for the company



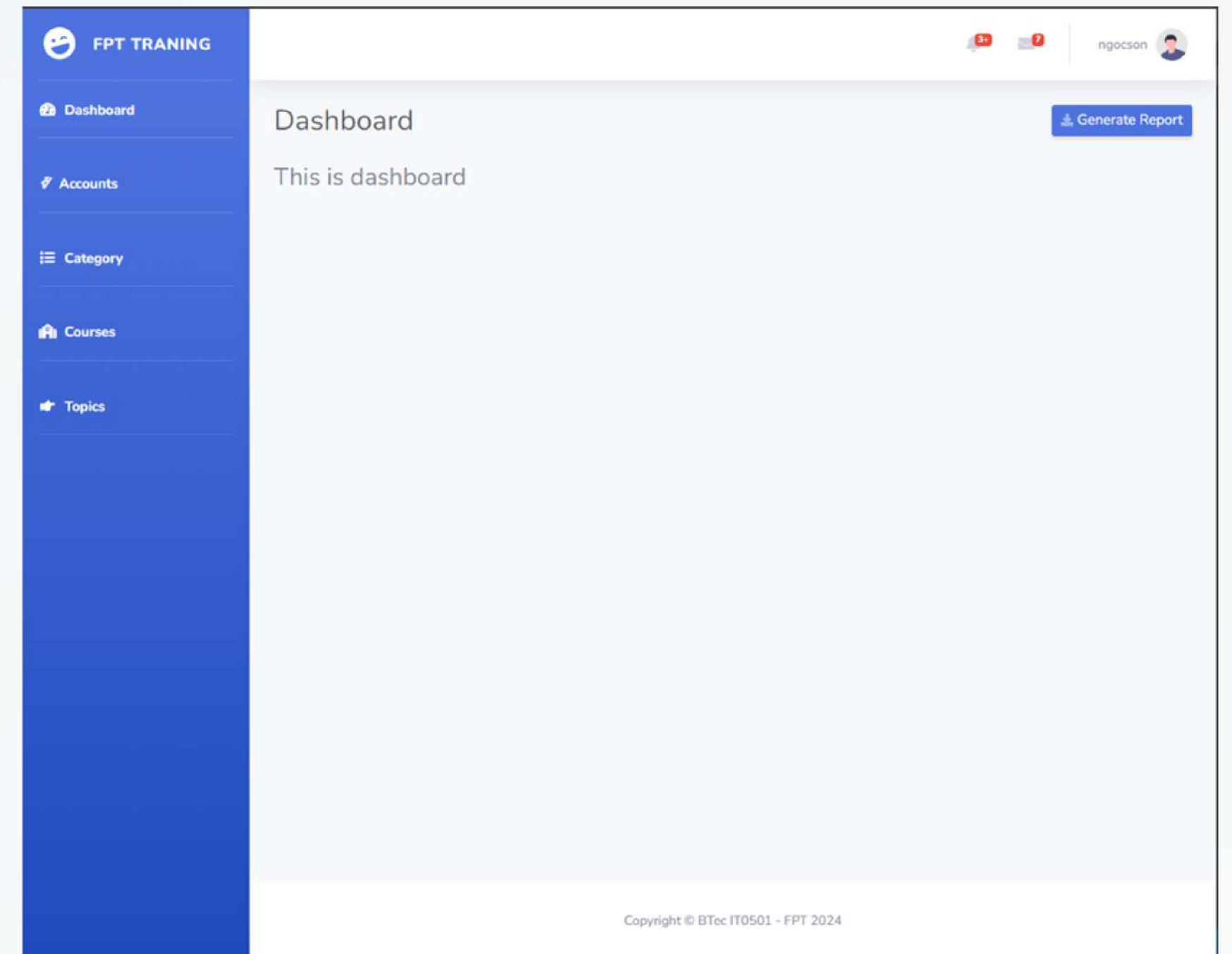
Welcome Back!

Login

PROJECT FUNCTIONS

Login: Enter the username and password registered in the database

Login successful: Login successful: when clicking the "Login" button, the login operation is successful and you can access the home page.



This is the list of Category


FPT TRAINING

- Dashboard
- Accounts
- Category
- Courses
- Topics

Category

[Add Category +](#)

Find by name: | Filter by status: --- Choose Status --- | [Search and Filter](#) | [Back to lists](#)



ID	Name	Image	Description	Status	Created At	Updated At	Action
11	IT		information technology	Active	4/9/2024 9:52:53 PM		Edit Delete

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Add Category: Enable the addition of a new category

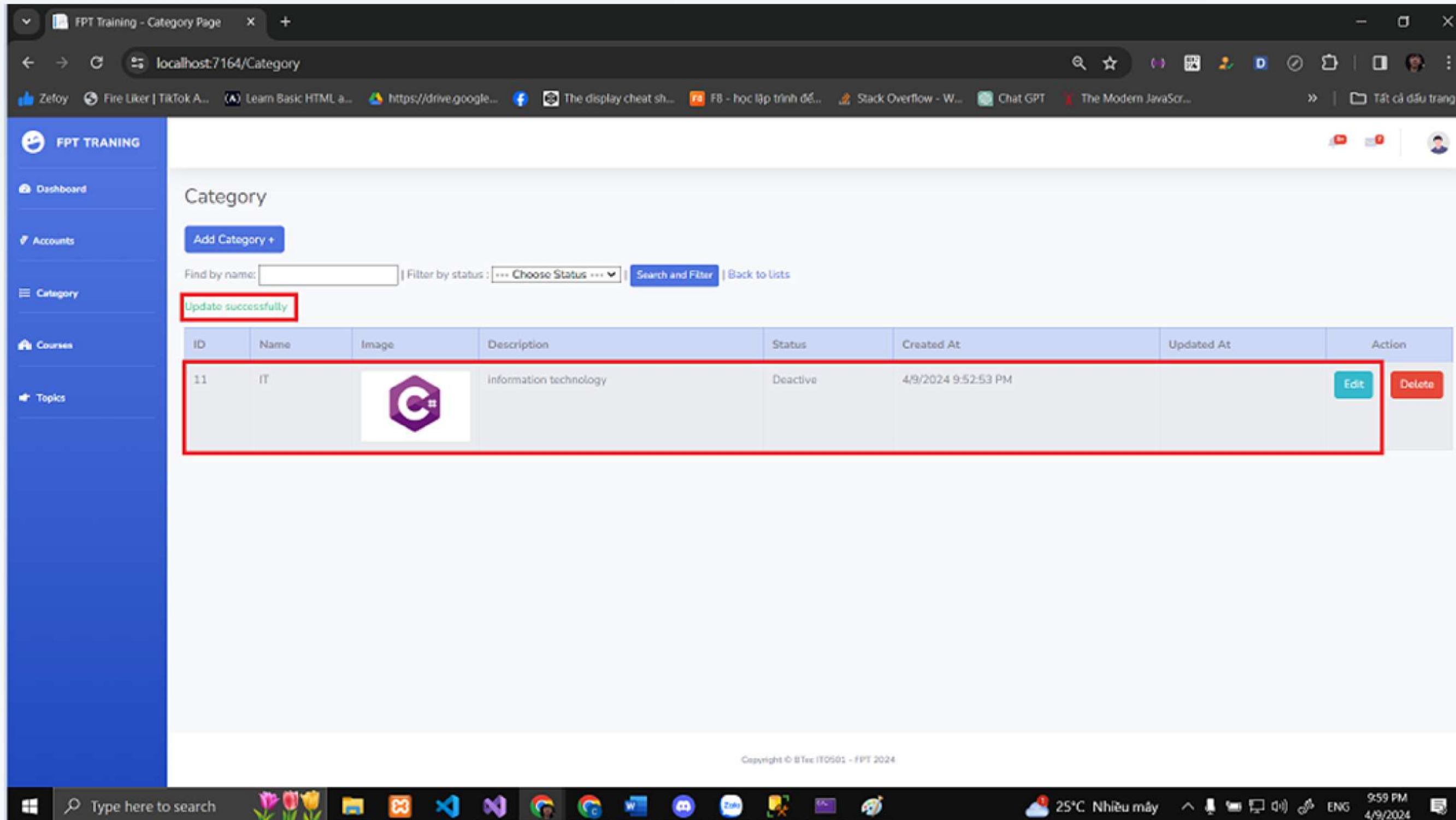
Add category successful: upon clicking " Add category ", save operation is successful

The screenshot shows a web browser at localhost:7164/Category. The application has a blue sidebar with 'FPT TRADING' and navigation links for Dashboard, Accounts, Category, Courses, and Topics. The main content area is titled 'Category' and features an 'Add Category +' button. Below this, a search bar and a status filter dropdown are visible. A green message 'Add successfully' is displayed in a red-bordered box. Below the message is a table with two rows of category data. The first row (ID 10) and the second row (ID 11) both show 'IT' as the name, 'information technology' as the description, and 'Active' as the status. The second row is highlighted with a red border. The footer of the page reads 'Copyright © BTec IT0501 - FPT 2024'.

ID	Name	Image	Description	Status	Created At	Updated At	Action
10	IT		information technology	Active	4/9/2024 9:51:51 PM		Edit Delete
11	IT		information technology	Active	4/9/2024 9:52:53 PM		Edit Delete

Edit: allow modifications to the selected categoryId

Edit category successful: when clicking the " Update Category" button, the category update is successful




The screenshot displays a web application interface for managing categories. The browser address bar shows the URL `localhost:7164/Category`. The left sidebar contains navigation links: Dashboard, Accounts, Category (active), Courses, and Topics. The main content area is titled "Category" and includes an "Add Category +" button. Below this, there are search and filter options: "Find by name:" with an input field, "Filter by status:" with a dropdown menu set to "Choose Status", and buttons for "Search and Filter" and "Back to lists". A green message "Update successfully" is displayed above a table of categories. The table has columns for ID, Name, Image, Description, Status, Created At, Updated At, and Action. One category is listed with ID 11, Name IT, and Description information technology. The Status is Deactive, and the Created At is 4/9/2024 9:52:53 PM. The Action column contains "Edit" and "Delete" buttons. The footer of the page shows the copyright notice "Copyright © B.Tec IT0501 - FPT 2024".

Category

Add Category +

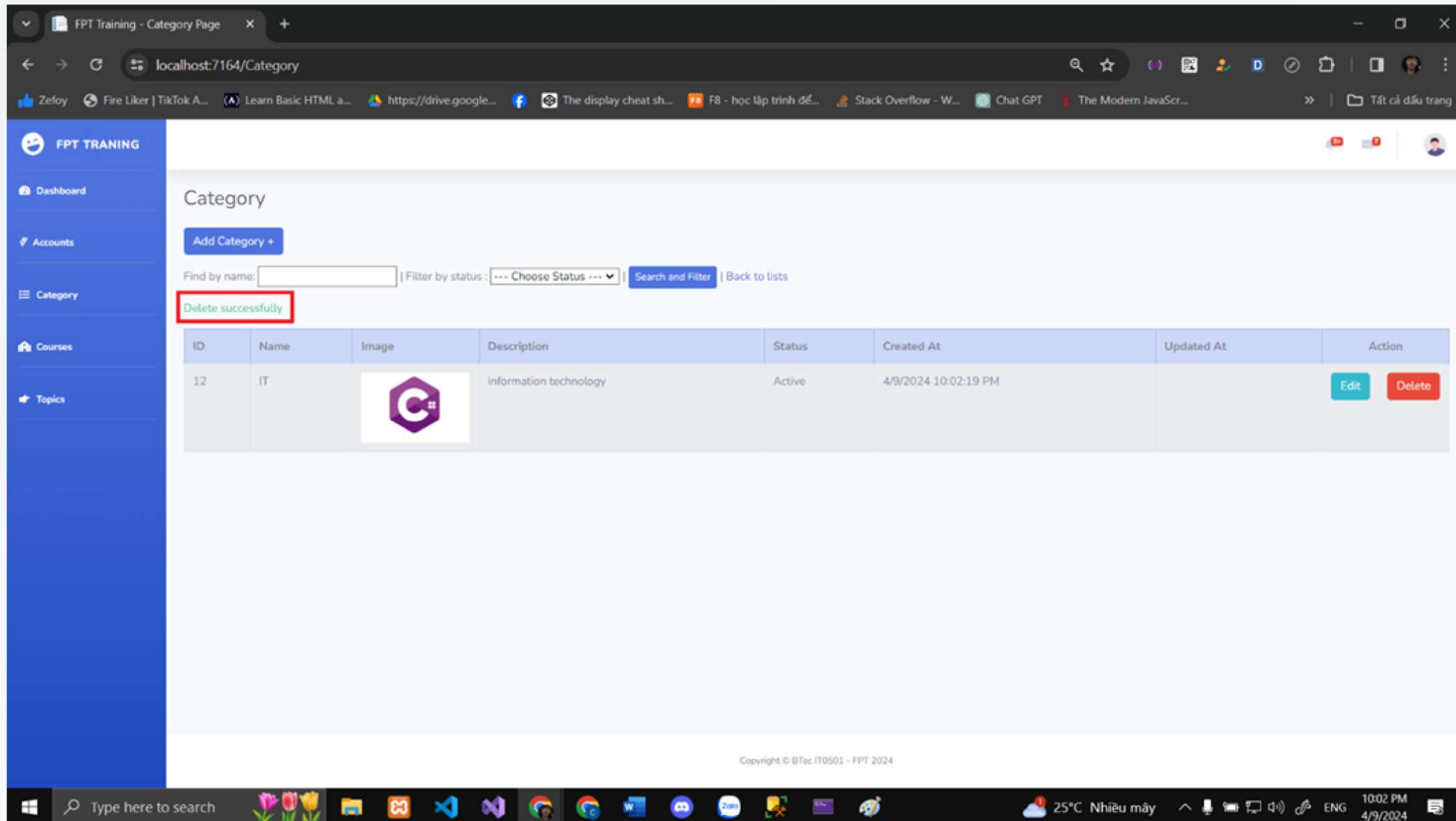
Find by name: Filter by status: --- Choose Status --- Search and Filter Back to lists

Update successfully


ID	Name	Image	Description	Status	Created At	Updated At	Action
11	IT		information technology	Deactive	4/9/2024 9:52:53 PM		Edit Delete

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Delete: Provide the capability to remove the selected CategoryID.
Delete category successful: when clicking the" delete category" button, the category deletion is successful.

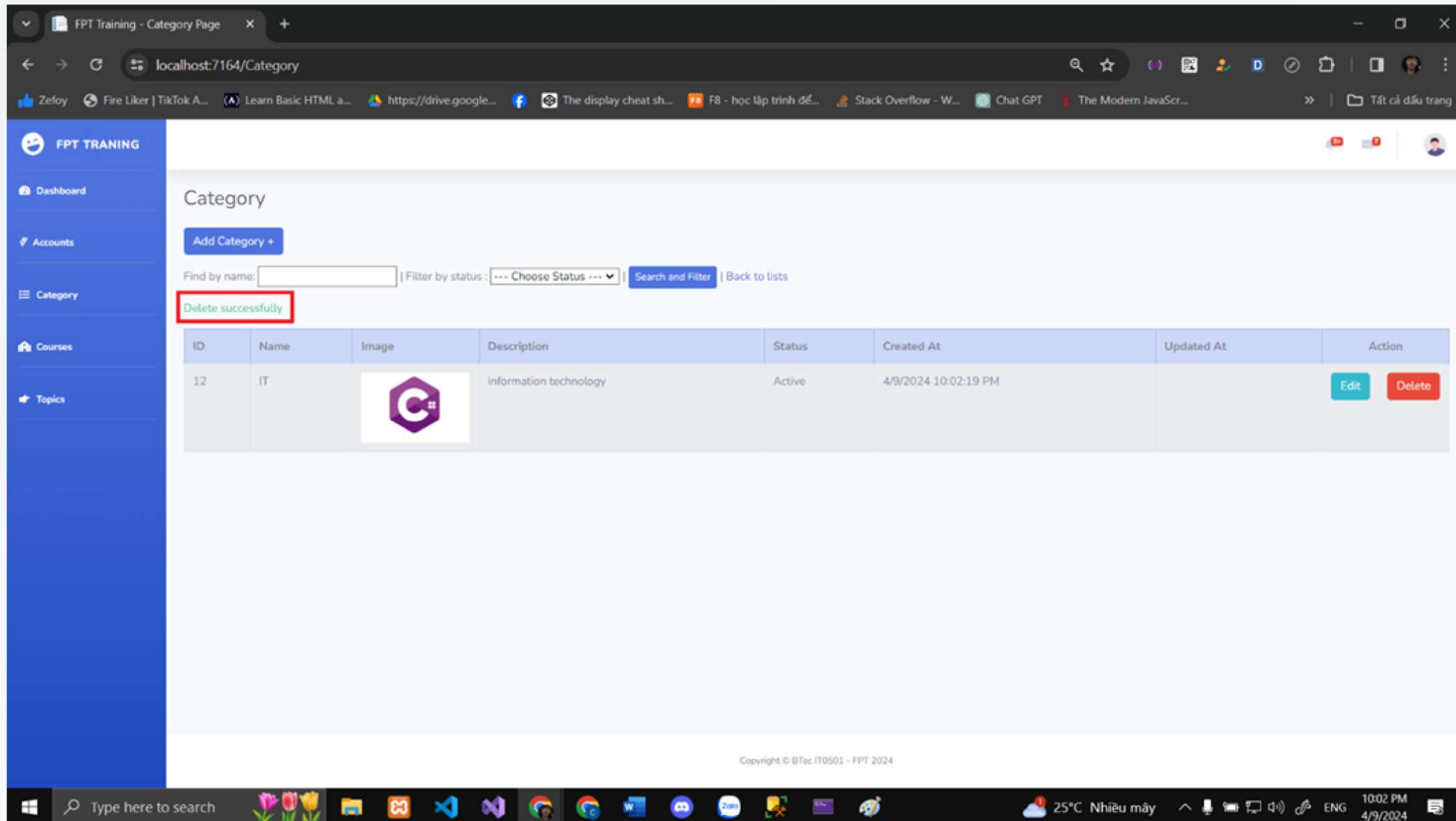


The screenshot shows a web application interface for "FPT TRAINING". The left sidebar contains navigation links: Dashboard, Accounts, Category, Courses, and Topics. The main content area is titled "Category" and includes an "Add Category +" button. Below this, there is a search bar labeled "Find by name:" and a filter dropdown labeled "Filter by status: --- Choose Status ---". A green message box with a red border displays "Delete successfully". Below the message is a table with the following data:


ID	Name	Image	Description	Status	Created At	Updated At	Action
12	IT		information technology	Active	4/9/2024 10:02:19 PM		Edit Delete

The bottom of the page shows a Windows taskbar with various application icons and a system tray displaying the date and time as 10:02 PM on 4/9/2024.

Delete: Provide the capability to remove the selected CategoryID.
Delete category successful: when clicking the" delete category" button, the category deletion is successful.

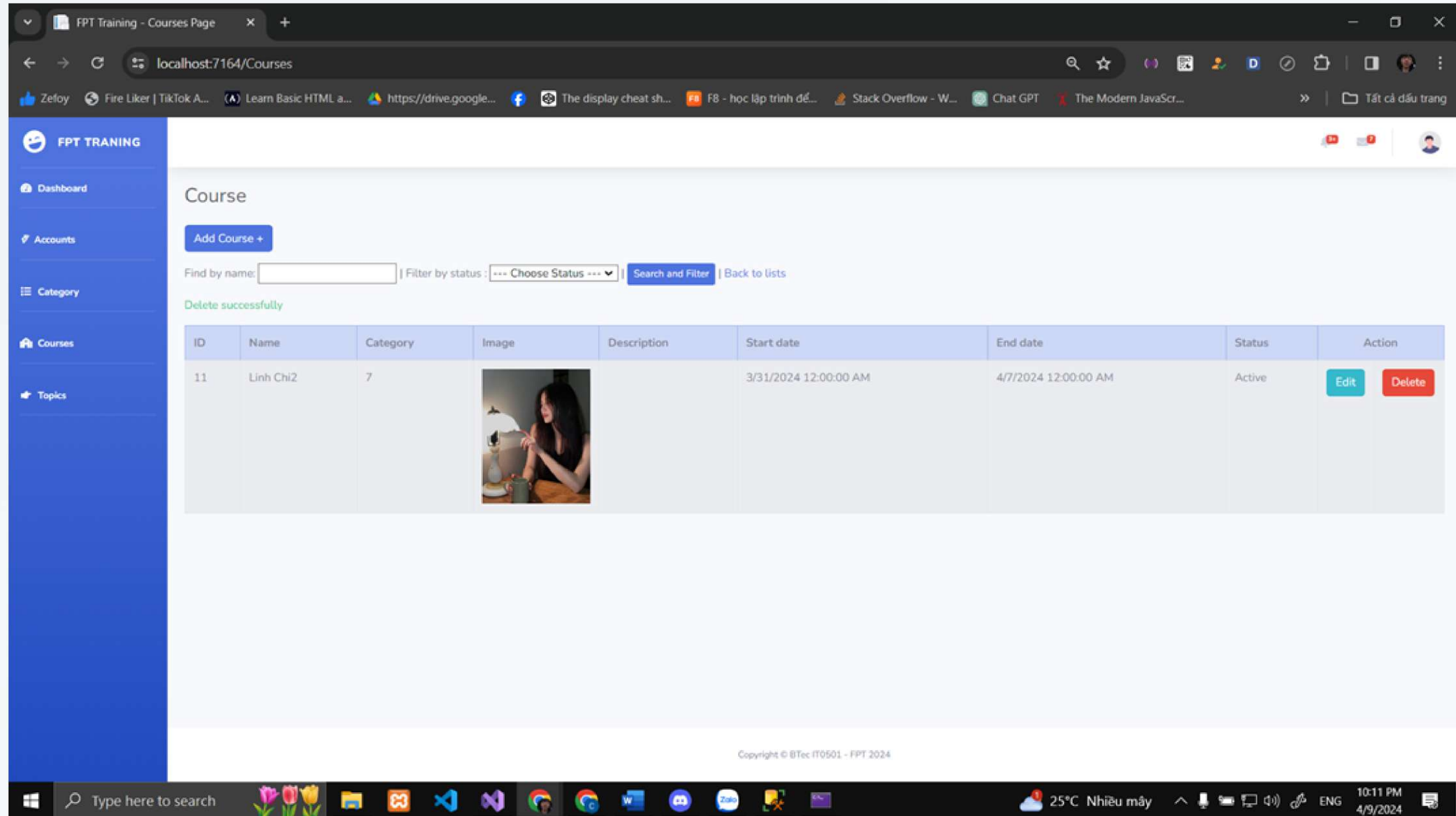


The screenshot displays a web application interface for managing categories. The browser's address bar shows the URL `localhost:7164/Category`. The left sidebar contains navigation links for Dashboard, Accounts, Category, Courses, and Topics. The main content area is titled "Category" and includes an "Add Category +" button. Below this, there is a search bar labeled "Find by name:" and a filter dropdown labeled "Filter by status: --- Choose Status ---". A green message box with a red border indicates "Delete successfully". Below the message is a table with the following data:

ID	Name	Image	Description	Status	Created At	Updated At	Action
12	IT		information technology	Active	4/9/2024 10:02:19 PM		Edit Delete

The footer of the page contains the copyright notice "Copyright © BTec IT0501 - FPT 2024". The Windows taskbar at the bottom shows the system clock as 10:02 PM on 4/9/2024, along with weather information (25°C, Nhiều mây) and language settings (ENG).

This is the category "Course" displayed



The screenshot displays a web application interface for "FPT TRAINING". The left sidebar contains navigation links: Dashboard, Accounts, Category, Courses, and Topics. The main content area is titled "Course" and includes an "Add Course +" button. Below this, there is a search bar labeled "Find by name:" and a filter dropdown labeled "Filter by status: --- Choose Status ---". A "Search and Filter" button and a "Back to lists" link are also present. A green message "Delete successfully" is displayed above a table of courses. The table has columns for ID, Name, Category, Image, Description, Start date, End date, Status, and Action. One course is listed with ID 11, Name Linh Chi2, Category 7, and Status Active. The Action column contains "Edit" and "Delete" buttons. The footer of the page shows "Copyright © BTec IT0501 - FPT 2024". The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons, along with the system clock indicating 10:11 PM on 4/9/2024.

FPT TRAINING

Dashboard

Accounts

Category

Courses


Topics

Course

Add Course +

Find by name: | Filter by status: --- Choose Status --- | Search and Filter | Back to lists

Delete successfully

ID	Name	Category	Image	Description	Start date	End date	Status	Action
11	Linh Chi2	7			3/31/2024 12:00:00 AM	4/7/2024 12:00:00 AM	Active	<button>Edit</button> <button>Delete</button>

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Type here to search

25°C Nhiều mây

10:11 PM 4/9/2024

Add: Enable the addition of a new course

Add course successful: Upon clicking "add course" the save operation is successful

The screenshot displays a web application interface for managing courses. The browser's address bar shows the URL `localhost:7164/Courses`. The left sidebar contains navigation links: Dashboard, Accounts, Category, Courses, and Topics. The main content area is titled "Course" and includes an "Add Course +" button. Below this, there is a search bar with the text "Find by name:" and a filter dropdown set to "Choose Status". A green notification box with the text "Create new Course successfully" is visible. A table lists the courses, with the newly added course highlighted by a red border.

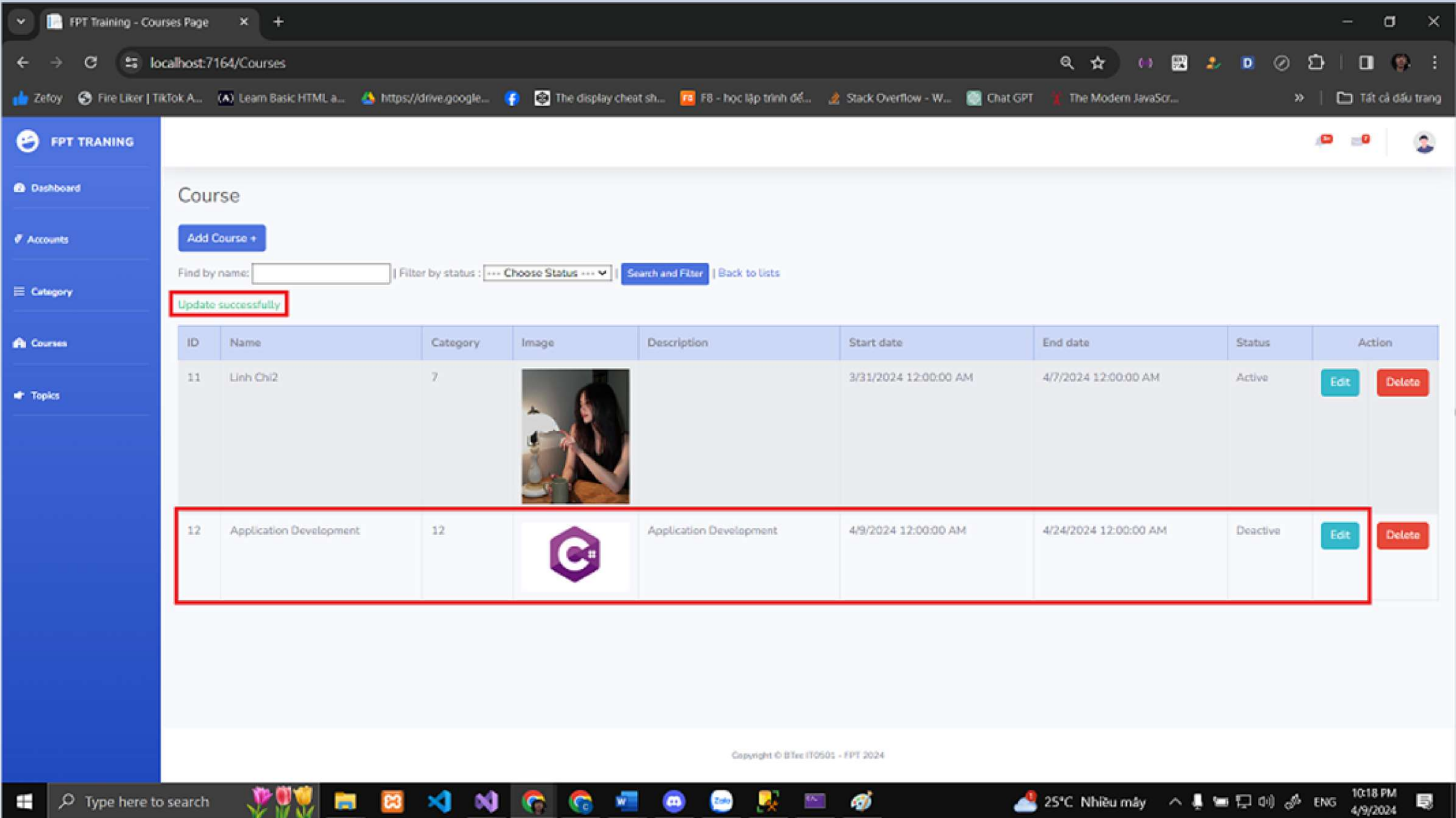
ID	Name	Category	Image	Description	Start date	End date	Status	Action
11	Linh Chi2	7			3/31/2024 12:00:00 AM	4/7/2024 12:00:00 AM	Active	Edit Delete
12	Application Development	12		Application Development	4/9/2024 12:00:00 AM	5/2/2024 12:00:00 AM	Active	Edit Delete

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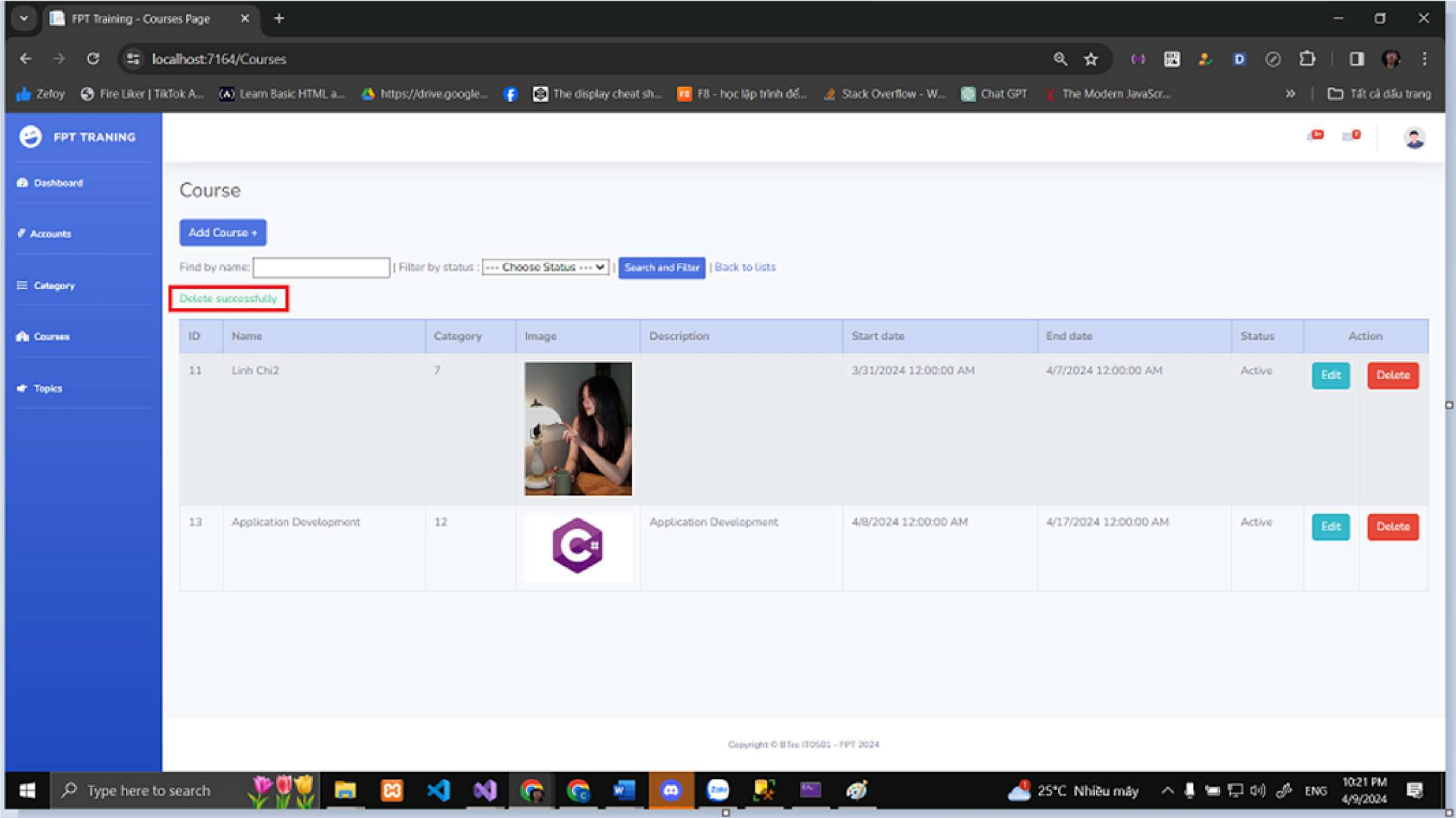
Windows taskbar at the bottom shows the search bar, various application icons, and system information: 25°C, Nhiều mây, 10:17 PM, 4/9/2024.

Edit: allow modifications to the selected CourseID

Edit Course successful: when clicking the " Update Course" button, the course update is successful



Delete: Provide the capability to remove the selected CourseID.
Delete category successful: when clicking the" delete category" button, the category deletion is successful.



This is the Topic "Topic" displayed

FPT TRAINING

Dashboard

Accounts

Category

Courses

Topics

localhost:7164/Topics

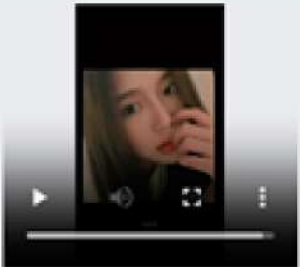

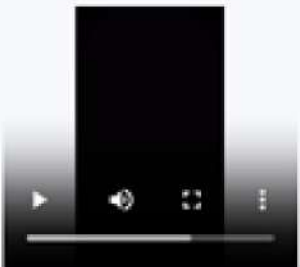

ZefoyFire Liker | TikTok A...Learn Basic HTML a...https://drive.google...The display cheat sh...F8 - học lập trình để...Stack Overflow - W...Chat GPTThe Modern JavaScr...

Tất cả dấu trang

Topic

Add Topic +

Find by name: | Filter by status: --- Choose Status --- | Search and Filter | Back to lists

ID	Name	Course	Description	Video	Audio	DocumentTopic	Status	Created At	Updated At	Action
6	MaiAnh	8	AD			Download DocumentTopic	Active	4/1/2024 10:29:05 PM		Edit Delete
10	LC	8	AD			Download DocumentTopic	Deactive	4/9/2024 12:44:35 PM		Edit Delete

Copyright © BTec IT0501 - FPT 2024

Type here to search



25°C Nhiều mây 10:27 PM 4/9/2024

Add: Enable the addition of a new topic

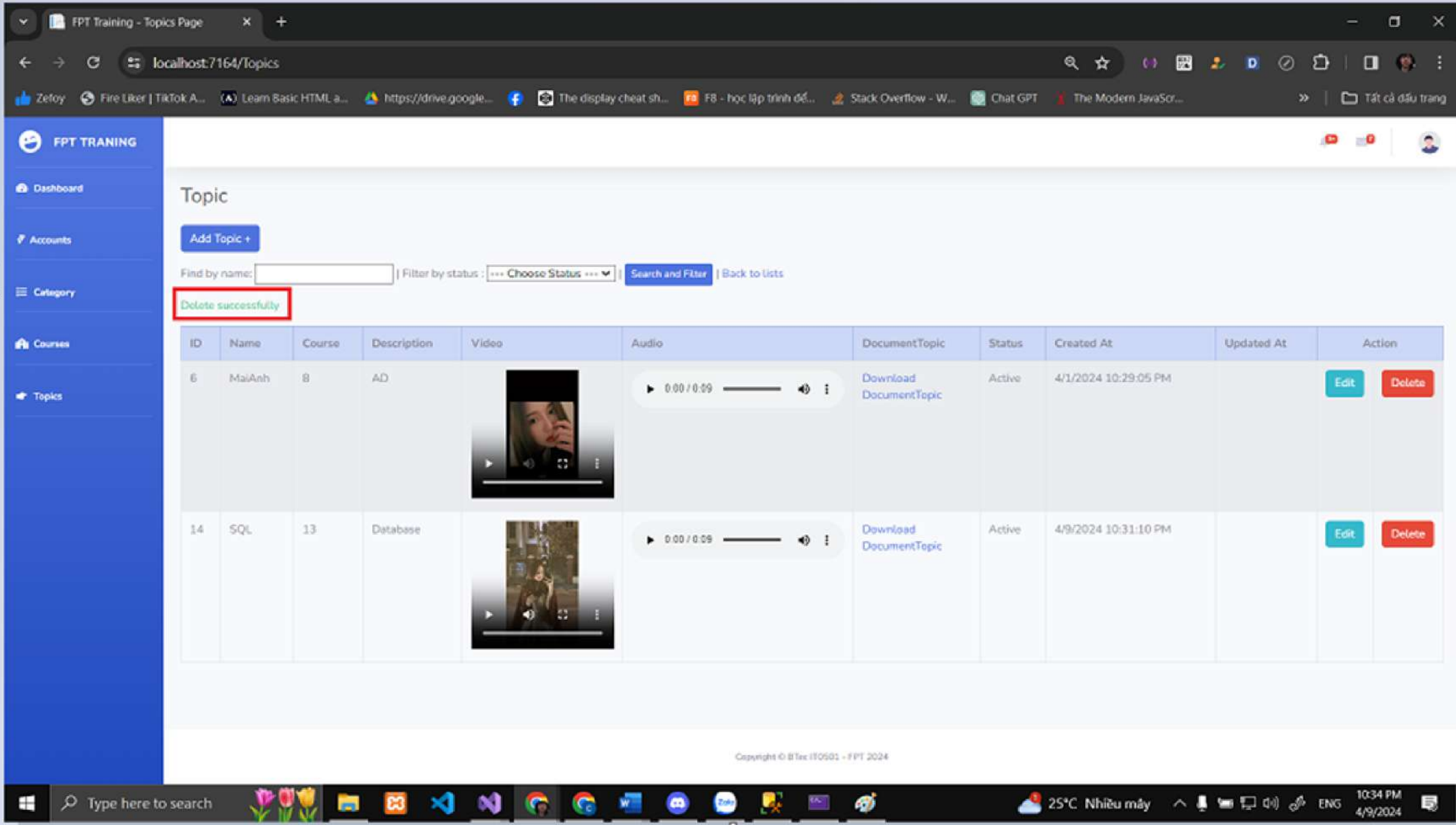
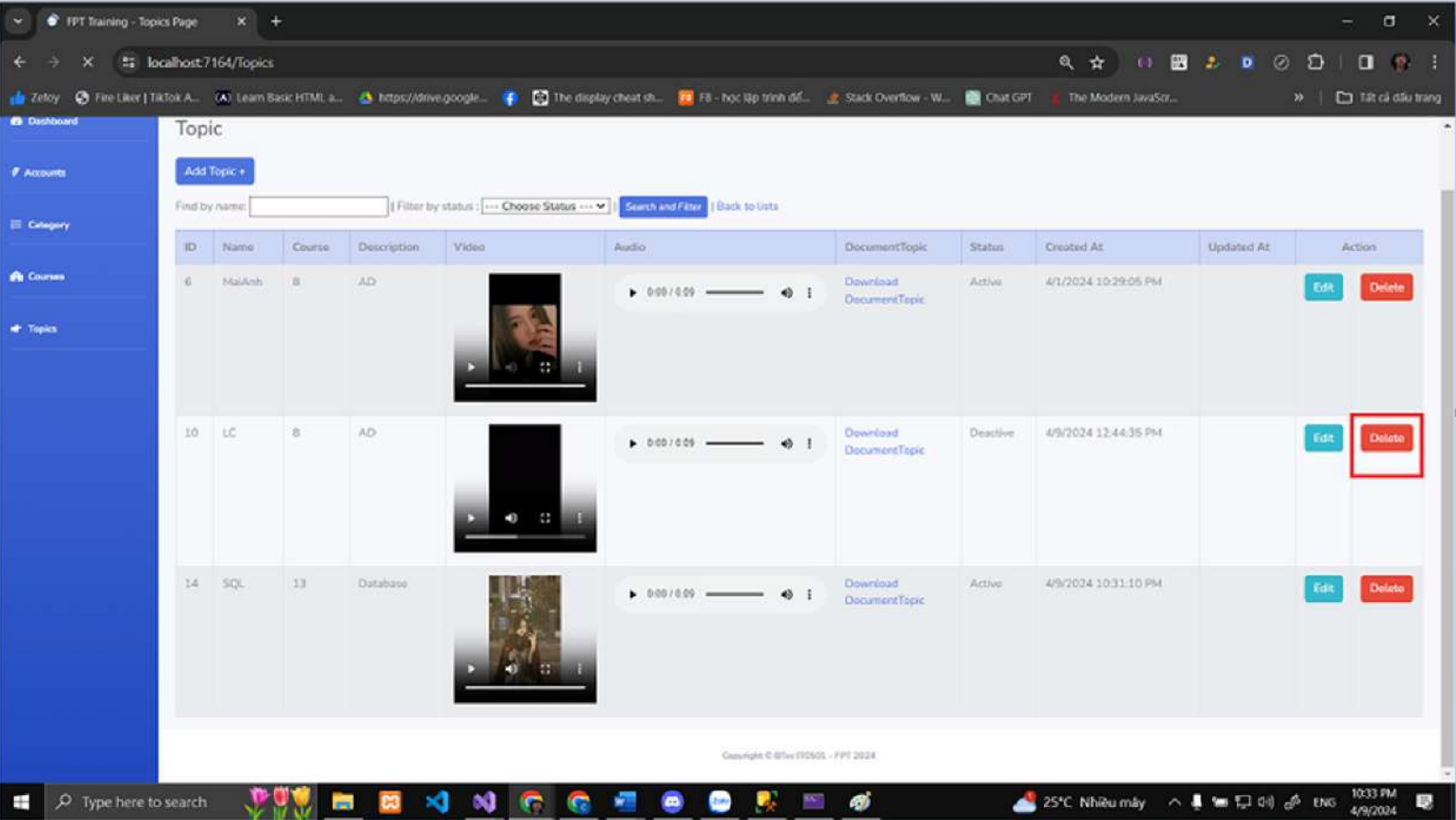
Add Topic successful: Upon clicking " add topic" the save operation is successful

The screenshot shows a web application interface for managing topics. The browser address bar indicates the URL is `localhost:7164/Topics`. The application has a sidebar with navigation links: Accounts, Category, Courses, and Topics. The main content area features an 'Add Topic +' button, a search bar, and a filter dropdown. A green message 'Create new Topic successfully' is displayed. Below this is a table of topics.

ID	Name	Course	Description	Video	Audio	DocumentTopic	Status	Created At	Updated At	Action
6	MaiAnh	8	AD		0:00 / 0:09	Download DocumentTopic	Active	4/1/2024 10:29:05 PM		Edit Delete
10	LC	8	AD		0:00 / 0:09	Download DocumentTopic	Deactive	4/9/2024 12:44:35 PM		Edit Delete
14	SQL	13	Database		0:00 / 0:09	Download DocumentTopic	Active	4/9/2024 10:31:10 PM		Edit Delete

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Delete: Provide the capability to remove the selected TopicID.
Delete Topic successful: when clicking the" delete Topic" button, the Topic deletion is successful.



RESULTS

01

Login function
Category management:
Add categories
Edit categories
Delete category

02

Course management:
Add courses
Edit courses
Delete courses

03

Topic management:
Add topic
Edit theme
Delete topic



CONCLUSION

The system has achieved the goals I initially set.

- ·Login function, when entering the correct username and password, the user can log in to the home page and vice versa. If you do not enter the correct username and password, it will report an error.
- ·Login function, when entering the correct username and password, the user can log in to the home page and vice versa.
- ·Update List function, when entering all necessary information in the correct format, the List will be updated. On the contrary, when input data is missing, the Category is not updated and displays a message asking for additional input.