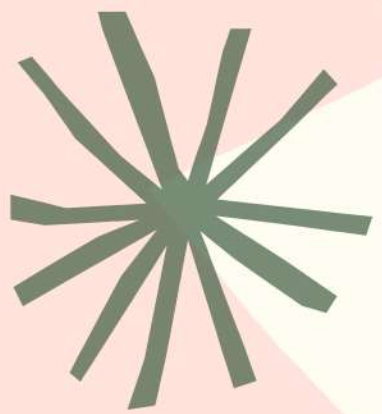
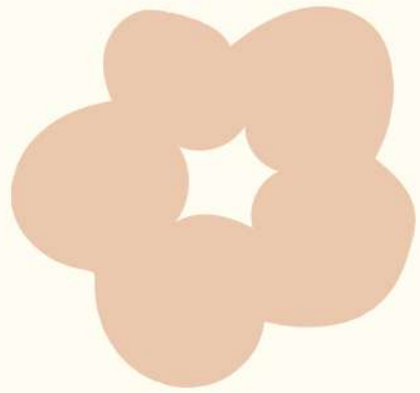
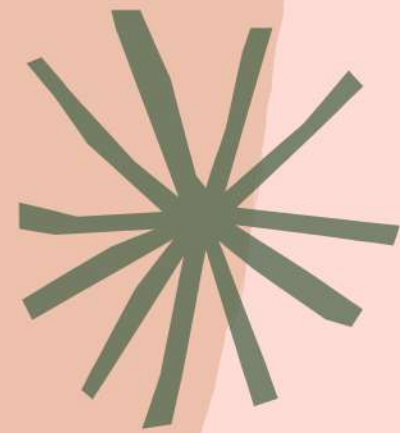


# Application Development



# Content



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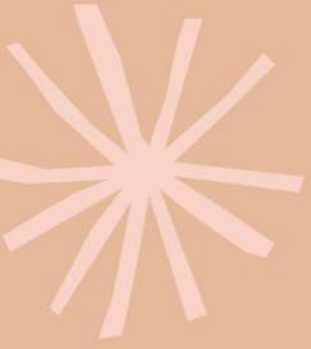




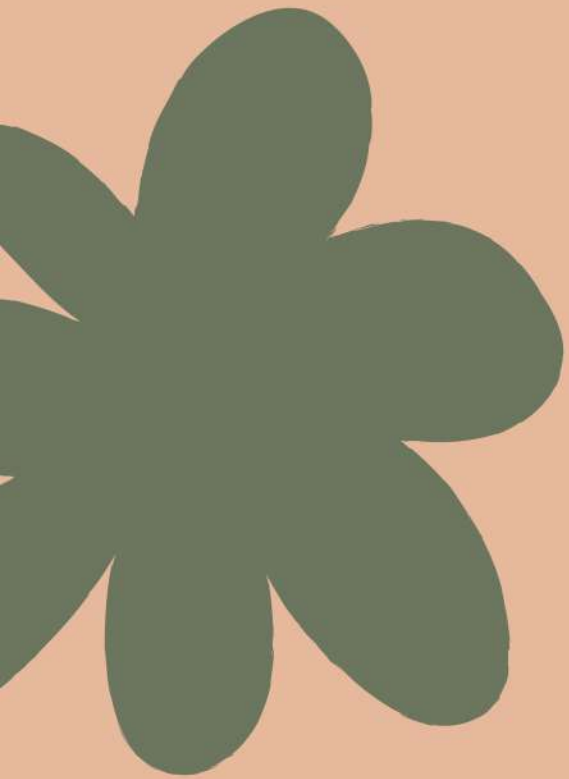
# Project's required topic

**Due to the rapid development of technology in today's world, FPT Co. is keen on establishing a continuous learning environment within the organization. It is essential to create a comprehensive system that effectively manages the "Training" activities for the company's internal training programs. This system will encompass various functionalities such as trainee account management, trainer management, course category management, course management, topic management, and trainee assignment to courses. The Human Resources (HR) department will be the primary user of this system. Within the system, there will be three distinct roles: administrator, training staff, and trainer.**





# Project's completed functions



Login to the system through the first page of the application  
Create, edit, or delete user accounts for trainers and training staff.

Manage trainees, including the ability to create, read, update, and delete (CRUD) trainee records.

Manage trainers, including the ability to create, read, update, and delete (CRUD) trainer records.

Manage categories, including the ability to create, read, update, and delete (CRUD) category records.

Manage courses, including the ability to create, read, update, and delete (CRUD) course records.

Manage topics, including the ability to create, read, update, and delete (CRUD) topic records.

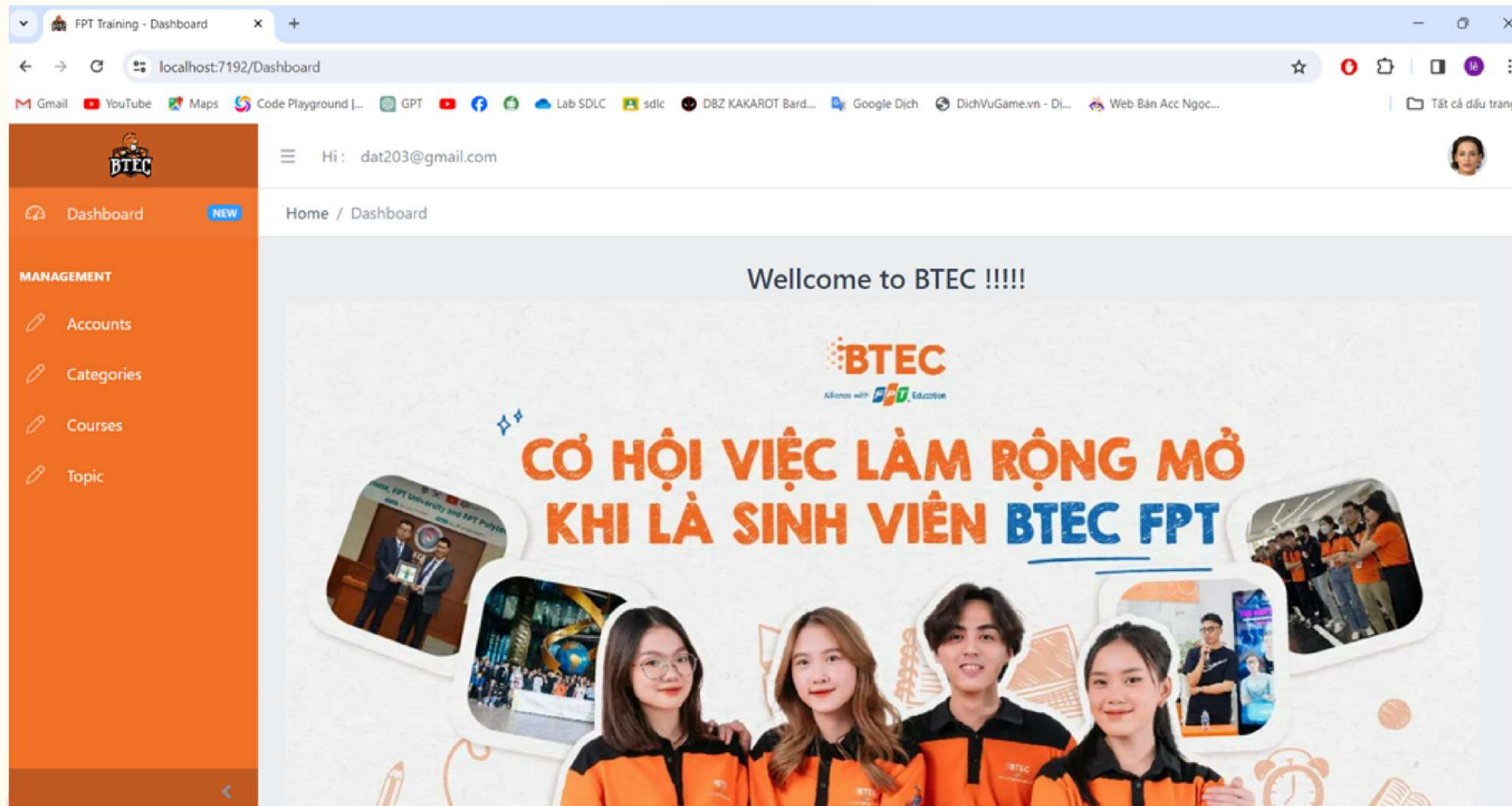
Assign permissions to each role, allowing administrators to define access rights for trainers and training staff.

Assign trainers to specific topics, enabling the association of trainers with relevant training topics.





# Results demo images

## Dashboard





# Topic manager





 Dashboard NEW


MANAGEMENT

 Accounts

 Categories

 Courses

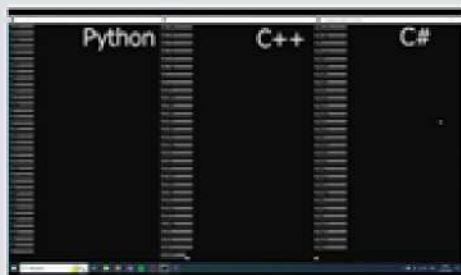




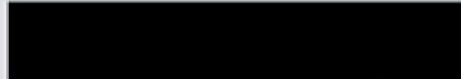

 Topic

 Hi :

Home / Topics


This is Topic page !

Add new Topic

ID	Name	Course	Document	AttchFile	PosterTopic	Download Document	Description	Status	Actions
3	design website C#	web C#				<a href="#">Download Document</a>	zsss	Active	<a href="#">Edit</a> <a href="#">Delete</a>
7	FE	web C#		There is no AttachFile		<a href="#">Download Document</a>	aaa	Active	<a href="#">Edit</a> <a href="#">Delete</a>
9	database	web C#		There is no AttachFile		<a href="#">Download Document</a>	aaa	Active	<a href="#">Edit</a> <a href="#">Delete</a>



# Course management



Dashboard NEW

MANAGEMENT


Accounts

Categories

Courses

Topic



Hi: datbv2003@gmail.com



Home / Courses

This is Courses page !

Add new Courses


ID	Name	Category	Image	Description	Start Date	End Date	Status	Actions
1	web C#	web		asasss	11/11/2023	01/01/1900	Active	<div>Edit</div> <div>Delete</div>
2	design website C#	lap trinh web		aaa	02/17/2023	01/01/2024	Active	<div>Edit</div> <div>Delete</div>

<

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# Category management



Dashboard

NEW

MANAGEMENT


Accounts

Categories

Courses

Topic

Hi :



Home / Category

This is Category page !



Add new Category

Find by Name:

-- Status --

Filter and Search

Back To list

ID	Name	Image	Description	Status	Created At	Updated At	Action
6	web		no	Active	4/1/2024 9:47:24 PM		<div>Edit</div> <div>Delete</div>
7	Lap trình C#		lap trinh web	Active	4/10/2024 8:11:20 AM		<div>Edit</div> <div>Delete</div>


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# Account manager



Dashboard

NEW

MANAGEMENT


Accounts

Categories

Courses

Topic

Hi :



Home / Account

This is Account page !

Add new Account

ID	RoleId	UserName	Extracode	Email	Phone	Address	Full Name	Fist Name	Last Name	Birthday	Gender	Actions
1	1	ledat23	bh00219	datbv2003@gmail.com	0866091643	Hn	Le Tien Dat	Le	Tien Dat	6/17/2003 12:00:00 AM	Male	<div>Edit</div> <div>Delete</div>
1005	1	ledat2033	bh0012	dat203@gmail.com	0123456789	hn	le dat	le	dat	6/17/2003 12:00:00 AM	male	<div>Edit</div> <div>Delete</div>
1006	2	dat1	gv001	dat203@gmail.com	0123456789	hn	le dat	le	dat	6/17/2000 12:00:00 AM	male	<div>Edit</div> <div>Delete</div>

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# Main functions and non-functions

## Main functions

Login to the system through the first page

Manage trainees, including the ability to create, read, update, and delete (CRUD) trainee records.

Manage trainers, including the ability to create, read, update, and delete (CRUD) trainer records.

Manage categories, including the ability to create, read, update, and delete (CRUD) category records.

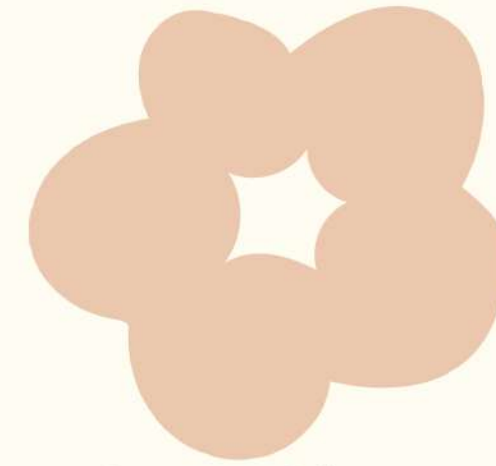
Manage courses, including the ability to create, read, update, and delete (CRUD) course records.

Manage topics, including the ability to create, read, update, and delete (CRUD) topic records.





# Non-Functions



1. Performance : Ensure fast response times and efficient processing of large amounts of data
2. Security : Protect user data and training information from unauthorized access or modification
3. Reliability : Maintain stable and reliable operation to prevent data loss or corruption
4. Maintainability : Write clear, well-documented code that can be easily maintained and upgraded
5. Mobility : Support multiple platforms and devices for access and management anytime, anywhere
6. Scalability : Be able to add new features and expand the system's scope as the company grows and the training program evolves



# Results and limitations

FPT Co. aims to develop a training management system for its internal programs. The system, used by the HR department, handles trainee accounts, trainers, courses, topic and assigns trainers and trainees

Limitations include scalability challenges, integration complexity, security concerns, user adoption issues, maintenance needs, and customization efforts. Addressing these is crucial for successful implementation and effectiveness.





# Conclusion

In conclusion, the development of a training management system by FPT Co. demonstrates its dedication to promoting continuous learning. Although the system streamlines the management of training activities, it encounters challenges in terms of scalability, integration, security, user adoption, maintenance, and customization. Addressing these challenges is crucial for the successful implementation and effectiveness of the system in enhancing employee development efforts.



Thank You