

Technical Document

Task3

Database Set Up

I set up the database by first going on the phpmyadmin and then create a new database and gave it the name of synoptic.

Then I started adding the tables.

- Users,
- Posts,
- Country
- Town,
- Gallery

Then to connect the database in vs code I added a new file named db. Handler and in a PHP tag add servername,username and the most important thing the name of the database. Then add a line for the connection of the database and an if statement. I added this file in the include folder and at the top of each file, include this file name.

Techniques used to manipulate data in your database through your web application

The insert method is used when user creates a new account and details are stored into database same goes for the posts and for the gallery.

The update is used to update the data in the database, this was used for the posts page where user can edit the post created.

The delete is used for deleting a post.

Virtual server set up on the device

- I went to local disk
 - Xampp folder
 - Then click on htdocs file
 - Then there created a new folder names PHPSynoptic
 - Double click on the file, then went on top and took the file path
 - Open vs code and file, open folder and add the path on top.
 - Then i went on goggle and typed localhost/PHPSynoptic
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- To connect the repository i created an new repository form GitHub
 - Then from the GitHub desktop, file clone repository
 - Click on URL
 - Then paster the URL and click clone
 - File path is the xampp htdocs/PHPSynoptic
 - And then open the folder form vs code.

Explain techniques used to build a dynamic web application.

As for templating in this project it was used for the fact that html and php were divide.

For html the header and footer were added into a folder called includes and then on each page where these were required call them in a PHP tag as required once.

Test action	Expected output	Actual output	Pass/Fail	Notes/Changes
Login in with right credentials	The user is shown the home page.	The user is shown the home page.	Pass	
Sign out.	As the user clicks the sign out button page is showed to the user	The user sign out and the login page is showed to the user.	Pass	
Login with wrong password on login page	A message is shown to the user saying wrong password	A message is shown to the user saying wrong password	Pass	
Click on register here	Retrieve create account page	Retrieve create account page	Pass	
Make a password less than 8 digits	The user is shown a message that the password is less than 8 digits.	The user is shown a message that the password is less than 8 digits.	Pass	
Try to create account with email already existing	Show message the email is already used.	Shows message the email is already used.	Pass	
All field required checking in new account creation for Name field	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Surname	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	

Email	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Dob	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Password	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Re-Password	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Other	A message showing all field required is shown to the user	A message showing all field required is shown to the user	Pass	
Check if password match	a message should be shown saying password doesn't match	a message is shown saying password doesn't match	Pass	
Create new account click on create register here	The screen changes , to register page once, page once, login again and show home page.	The screen changes , to register page once, page once, login again and show home page.	Pass	
Add account to database	A new record added to the database	A new record added to the database	Pass	
Click on Create a post	Change screen to add post page.	Change screen to add post page.	Pass	
Fill posts text	The user can fill text post	The user can fill text post	Pass	
Add image to post	The user can add image to post	The user can add image to post	Pass	

Add post to database	Add new record post to the table on php myadmin.	Add new record post to the table on php myadmin.	Pass	
Show post on home page	As the user clicks submit the post is added to home page	As the user clicks submit the post is added to home page	Pass	
Show field country name in post created	As the user clicks submit the country name in post is shown on home page	As the user clicks submit the country name in post is shown on home page	Pass	
Show field details in post created	As the user clicks submit the details in post is shown on home page	As the user clicks submit the details in post is shown on home page	Pass	
Show field date in post created	As the user clicks submit the date in post is shown on home page	As the user clicks submit the date in post is shown on home page	Pass	
Show field image in post created.	As the user clicks submit the image in post is shown on home page	As the user clicks submit the image in post is shown on home page	Fail	The post is being added to the database but it is not being shown on the actual page.
Click on Delete button post	Delete post chosen and remove from database and home page	Deleted post chosen and remove from database and home page	Pass	
Click edit button	The page should change and the user can edit the post	The page changes and the user can edit the post	Pass	
Edit post country name	The country name field should be update in the page and in the database	The country name field should be update in the page and in the database	Pass	
Edit post details	The details field should	The details field should	Pass	

	be update in the page and in the database	be update in the page and in the database		
Click on about us page from nav	Change screen and show about us to the user	Change screen and show about us to the user	Pass	
Click on add postpage from nav	Change screen and show add page to the user	Change screen and show add page to the user	Pass	
Click home page from nav	Show home page to the user	home page to the user	Pass	
Click on add photos icon from nav	Show gallery page to the user	Show gallery page to the user	Pass	
Choose image click on choose file	open new window	open new window	Pass	
Image is shown a	image is added it is shown on add photos page	image is added it is shown on add photos page	Pass	
Save images to database	As the user clicks on submit the image is saved on the database	image is saved on the database	Pass	
Session checking	User types the URL of a page he is directed to the login if not signed in	User types the URL of a page he is directed to the login if not signed in	Pass	
View profile page	Show account details on profile page.	Show account details on profile page.	Pass	