FINAL REPORT OF DESIGN-TORTILICIOUS

Subject – Human Centered Design

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"The maker movement is mostly about building things (whether low-tech or high-tech), as well as creating art and music. But it's driven by project-based, peer-to-peer learning, which tends to happen as novice -"Warren Berger"

This subject Human Centred Design(HCD) in our 5th semester was purely a project-based learning subject, there were no any bookish things, the only thing which was important was our learning from this subject.

Project-based learning (PBL) is a powerful teaching method that has extensive benefits for students, ranging from critical thinking to project management to self-confidence.

According to The Autodesk Foundation's study, project-based learning is associated with significant improvements in student test scores, attendance, and classroom engagement. It also allows teachers to strengthen their ties with their students by acting as their hands-on learning facilitator. Project-based learning is essentially an instructional method in which students work with others and "learn by doing."

Some brainstorming and assessments we did in class were learn from failure, learning matrix, AEIOU, Empathy, Scamper framework, this all things encourages Project Based learning and makes it more interesting. The outcomes can be:

- It lets the faculty have multiple assessment opportunities.

- It allows a student to demonstrate his or her capabilities while working independently.

- It shows the student's ability to apply desired skills such as doing research.

- It develops the student's ability to work with his or her peers, building teamwork and group skills.

- It allows the faculty to learn more about the child as a person.

- It helps the students to communicate in progressive and meaningful ways with another student or a group of students on a range of issues.

After, all these assessments we have finalized our project definition that is:

FOOD SOCIAL MEDIA-TORTILICIOUS

Abstract: On this platform, we strive to cover every recipe that a modern-day homemaker would need to know about. This includes social networking, which allows you to locate a recipe in a matter of seconds while listening to music. Not only can you get general/specific recipes for the items you select, but you can also locate unique content and recipes from well-known chefs, as well as track them for future recopies. This simple-looking portal is an all-in-one resource for foodies, with everything from social media to a recipe app. The Social Media Hat also provides a recommended list of your favourite dishes, allowing you to put

what you've learned from the recipe into practise. So, what are you waiting for, if you haven't already? Take a look around & have a healthy day!!

Our project roadmap was prepared and that roadmap included all our things we need to include and things to add further.
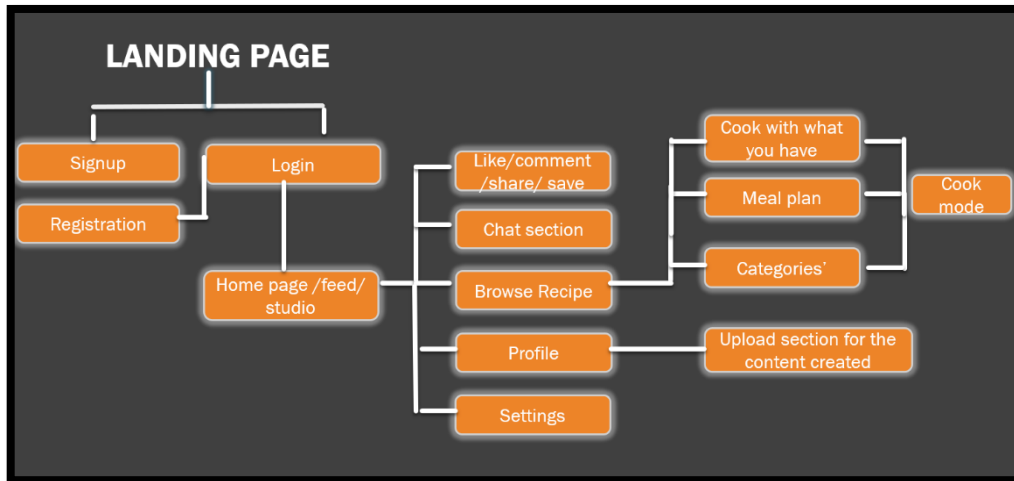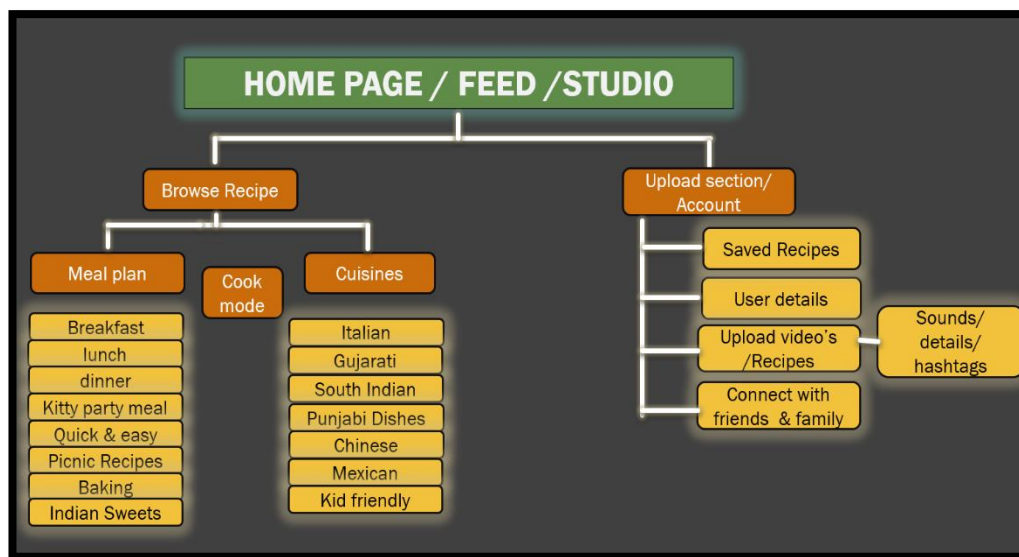

Fig 1.1- Roadmap for Landing Page

Fig 1.2- Roadmap for further pages

Further we prepared the Learning matrix for the skills we need to improve and the things which are needed for our project.

Fig 1.3- Learning matrix

Demonstration of our Project:

Login System

First user will have to sign up the registration form which is followed by some validating features

Fig 1.4-Signup Page

After sign up user will redirect to the login form , where user can add login credentials and also add the remember me function.
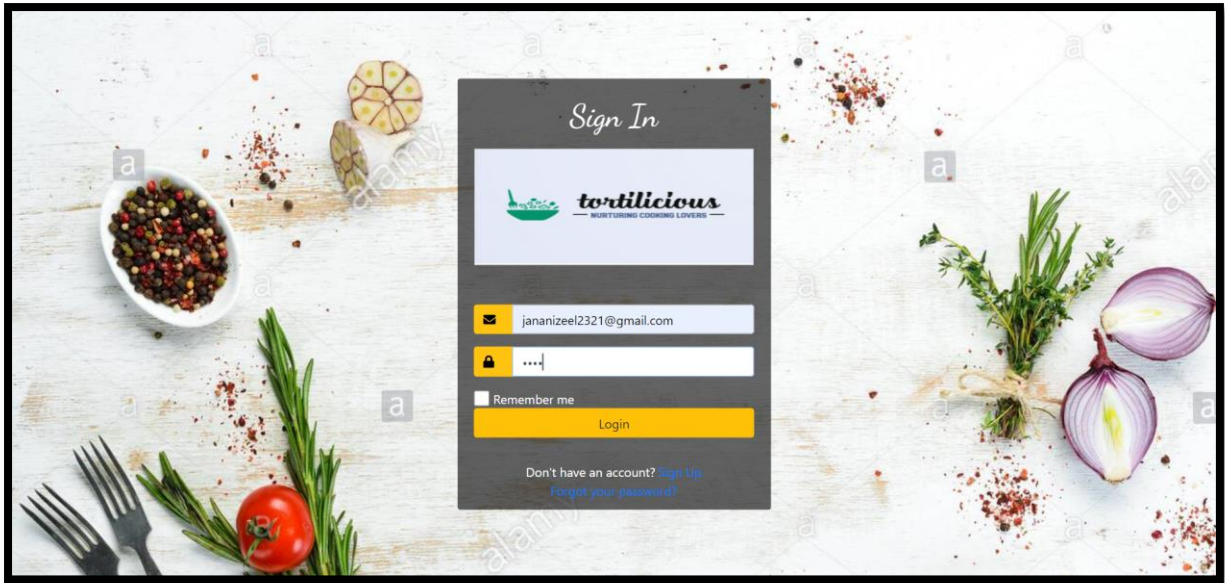
Fig 1.5-Signin Page

Dashboard:

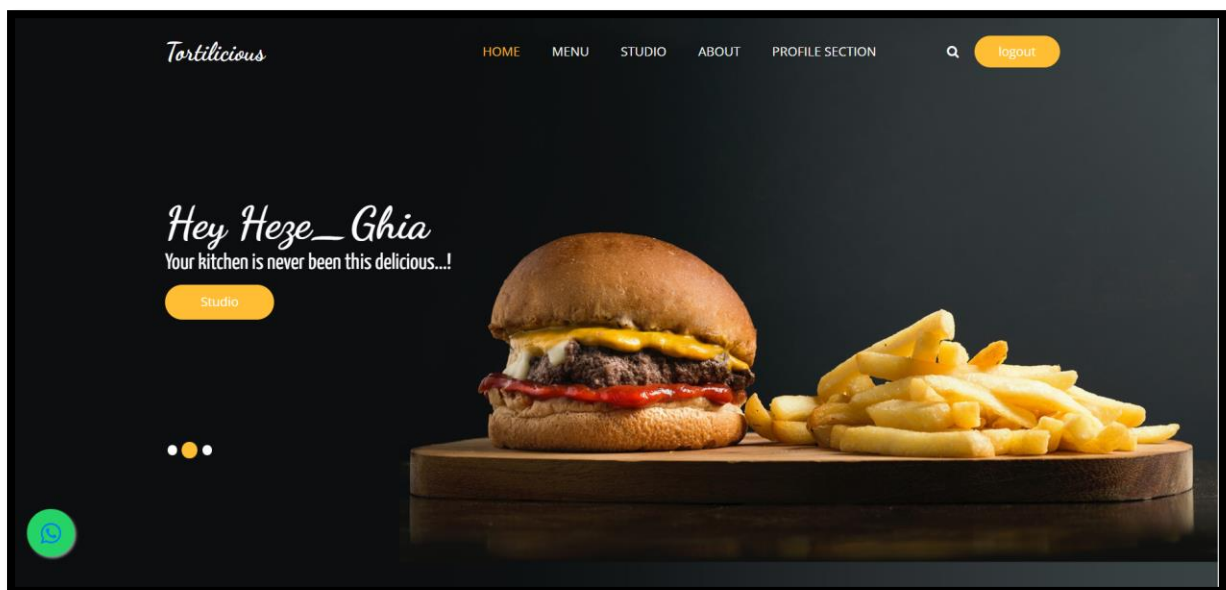After sign in, the user will be landing to the dashboard

Fig 1.6-Dashboard Page with username and all pages

It's the menu page of the website, where there are the categories such as meal plan and cuisines, it also has subcategories like breakfast, lunch , dinner , kitty party meal , picnic meal etc
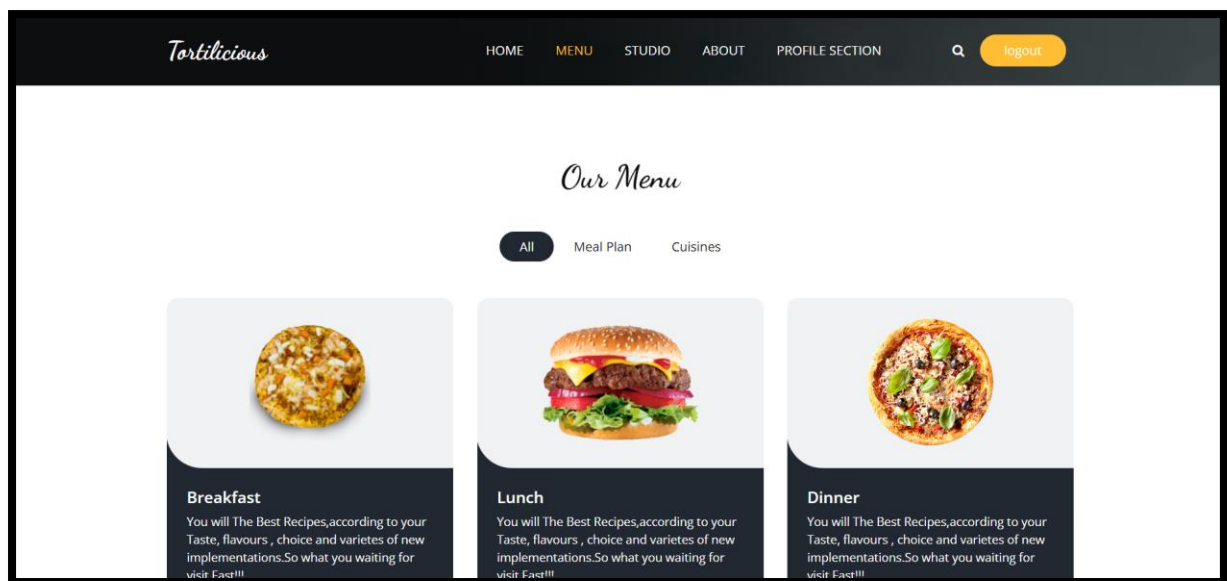
Fig 1.7-Menu page with all recipes and categories

It's the page where user will get the information about the admin of the website and the motto behind the website.
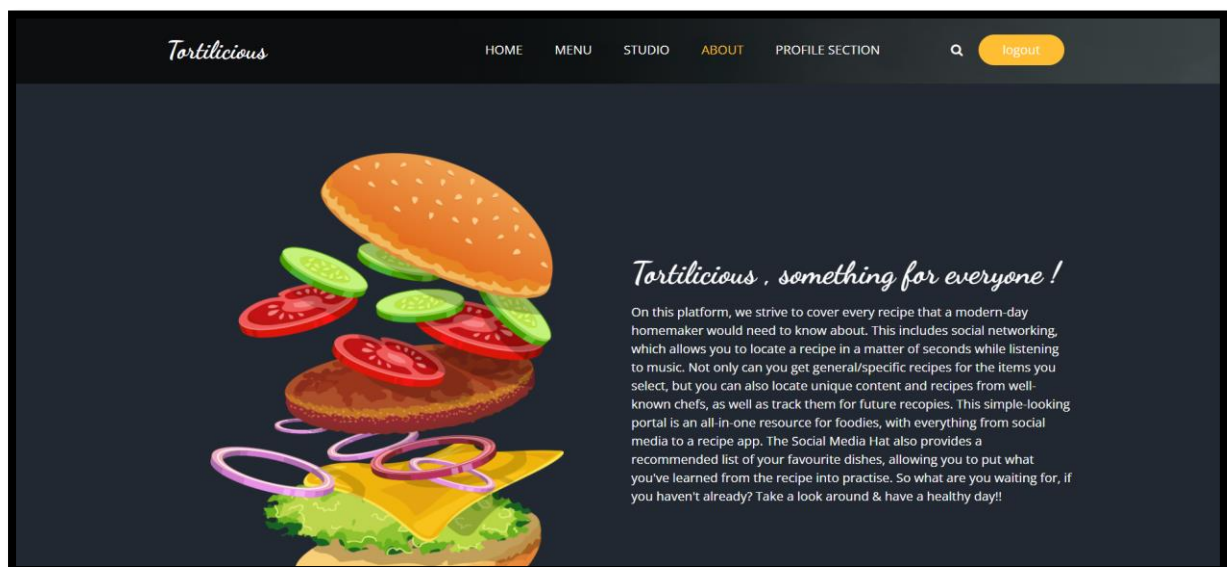
Fig 1.8-about us page which describes us very well

This is the profile page of the user , where user can upload images of the recipes which they have tried to show their friends and family. Along with that the user will here can write the bio of their own and can sent the request and can receive the request.
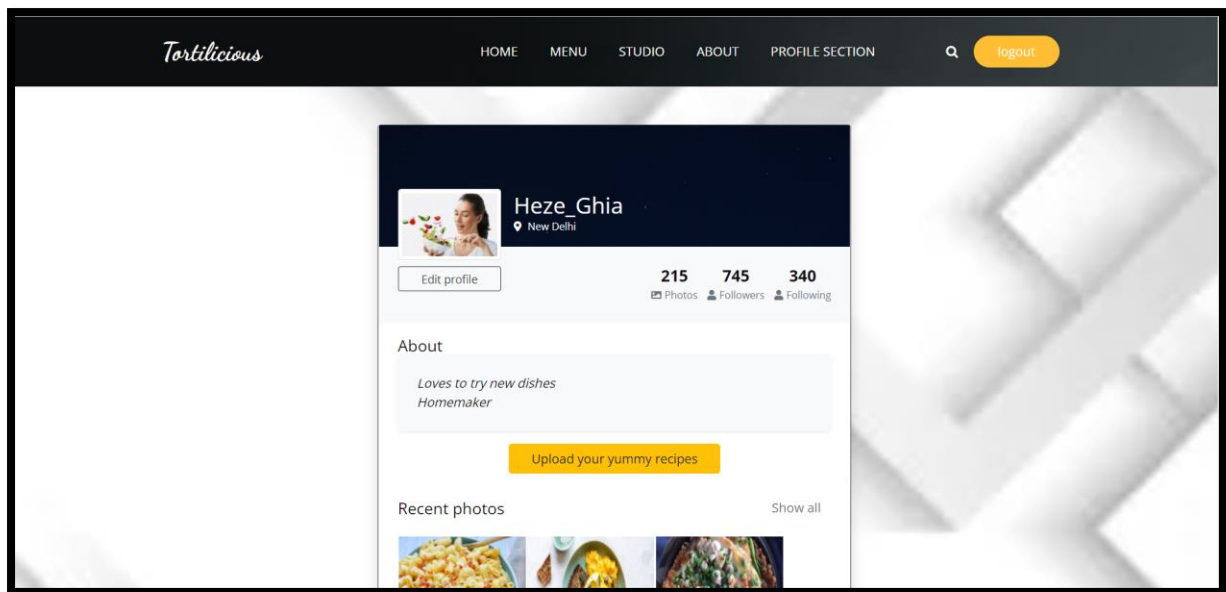
Fig 1.8-Menu page with all recipes and categories

Here we have added one feed section , where the uploaded user's recipes of the user are shown here in the form of feed ,where user can like , share and comment on the recipes.
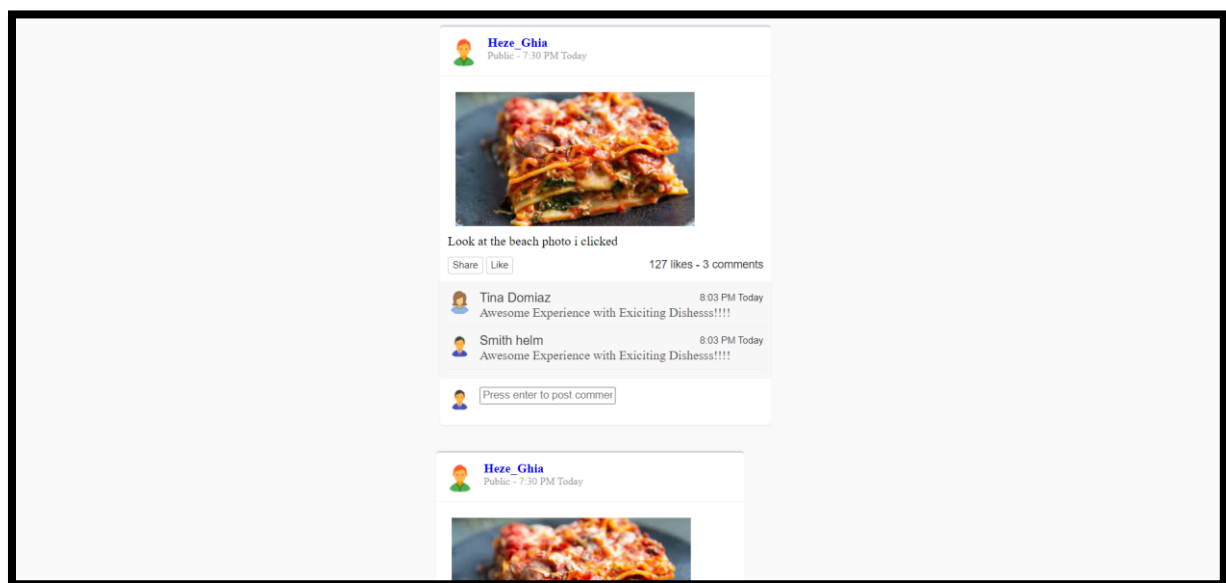

Fig 1.9- Send Query Column

Here , we have added a query page too , where user can write the queries/suggestions and we(admin) will get the mail of their Query.

Fig 2.0- Send Query Column

Fig 2.1- user reviews

And we have added direct logout option which will redirect user to the login page and even after doing back arrow key in the website it will not allow user to go again into the Dashboard unless and until the user will login in

Errors we have faced in our projects:-

In sending the mail :-

At first , while doing the login system , we have faced the error in forgot password portion, in that we want to send the mail for updating their password but as we have localhost as our database so we need to assign port number and have to done changes in the .ini file of the php as well as send-mail file , after that also we were not getting the mail from the user , for that we have created a token variable which generated random data and by accessing that we found that token variable should pass into the mail ,and after testing that we got the mail from the user.

After testing for sending mail, we got this error
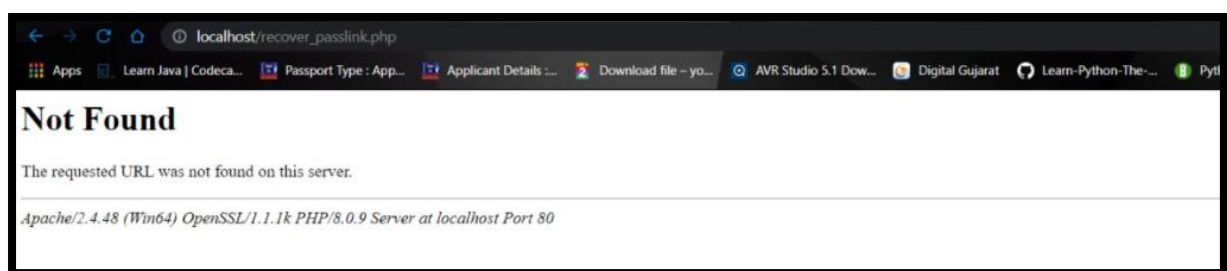
Fig 2.2-Error in reset password

And after troubleshooting, we got the output by doing changes in .ini file . Here are the changes we had done in the .ini file of php
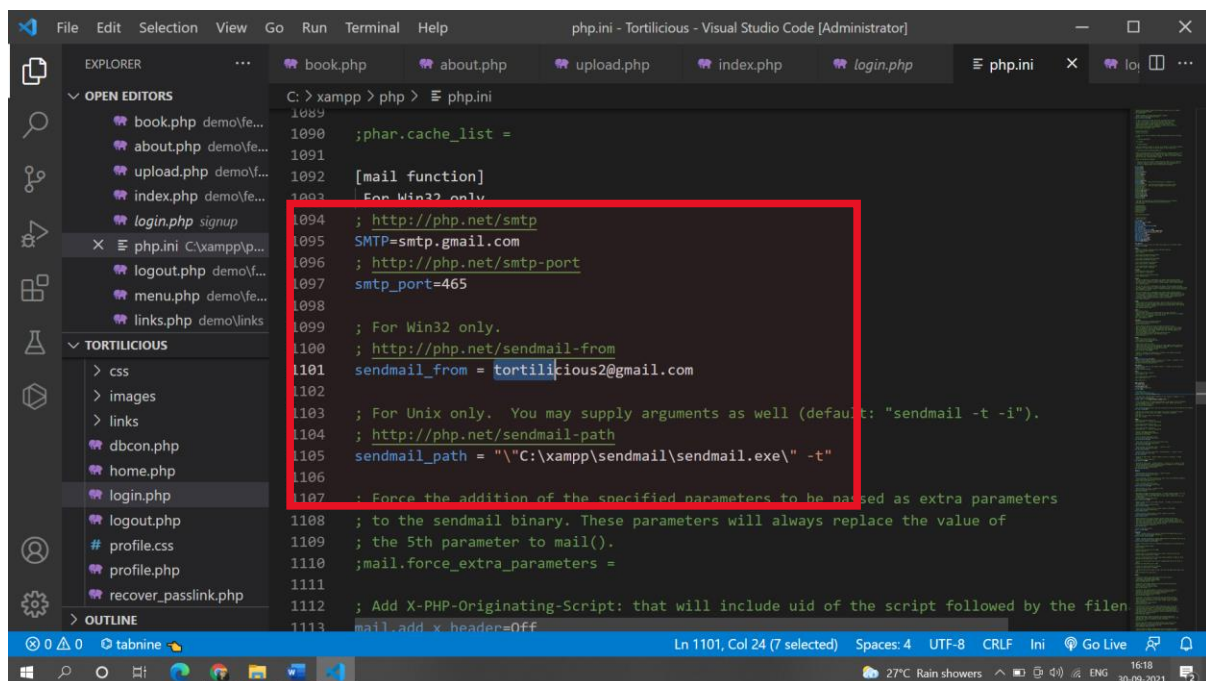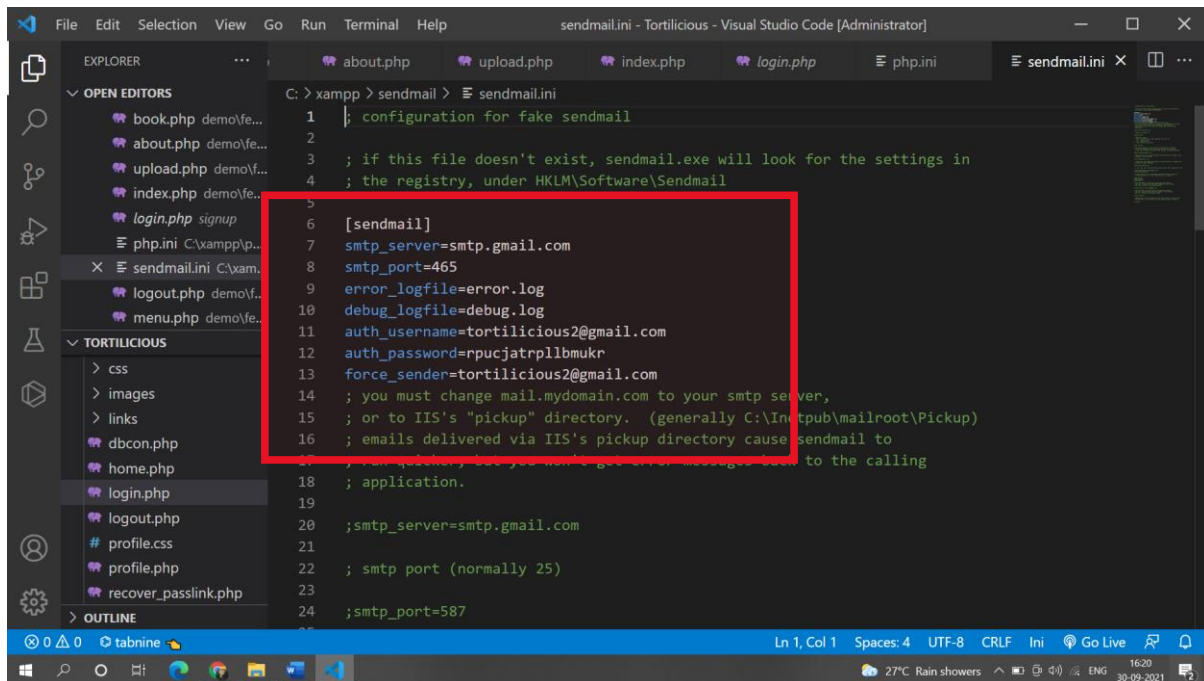

Fig 2.3-solution in reset password

And these are the changes we have done in send mail .ini file in order to send the mail from the localhost

Fig 2.4-Changes in reset password

And after doing this troubleshooting in send mail and php file we got the mail from the localhost
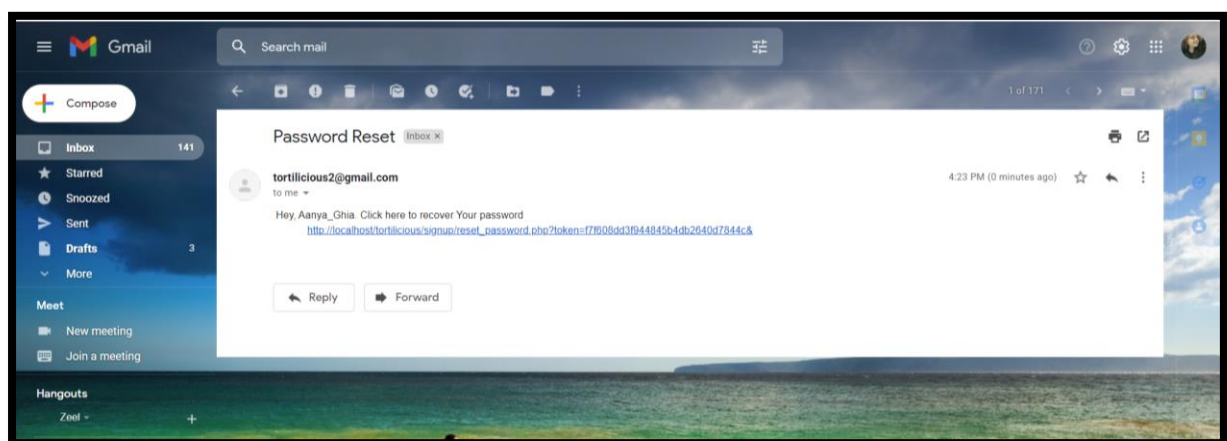

Fig 2.5-Error Solved successfully

Then we have created the dashboard , in that we came across the error of session variable i.e., user name was not there in the dashboard for that we learned the concept of session in php and after doing troubleshooting we found that we have to write the code in session like this

Fig 2.6-username error

we got the error in uploading the images because database was not at all accepting the data , then we have added a column of data and time and status of updation , here is the database,
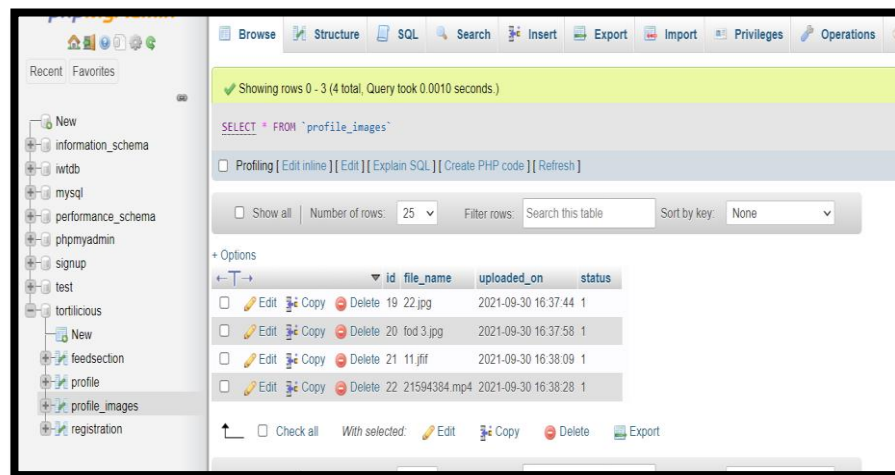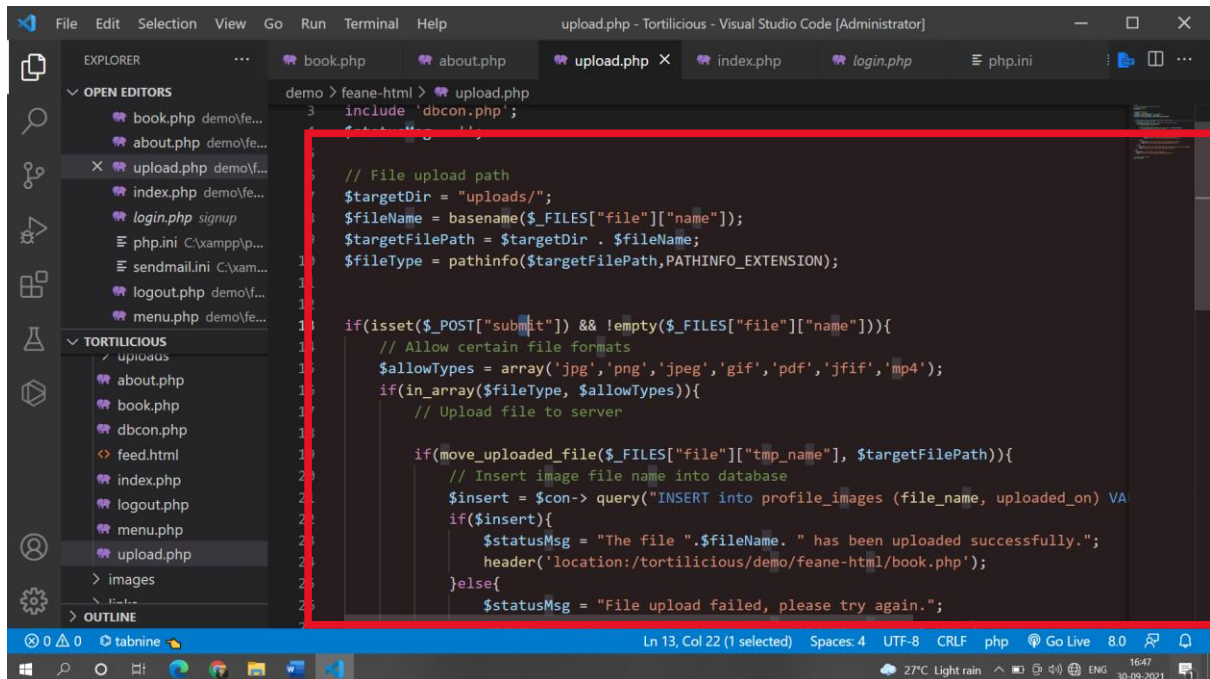

Fig 2.7- Database solution

Even after doing the correction in the database , image was not at all displayed in the profile section and we got the error like this

Fig 2.8-Error in database

For this we have done troubleshooting in the code of upload file and have created the folder where users uploaded photos are being saved below code is the same code where we have made changes in the troubleshooting part

Fig 2.9- upload file

After doing this we got the images in the column format (in straight line) which was not at all looking good below is the picture of that error
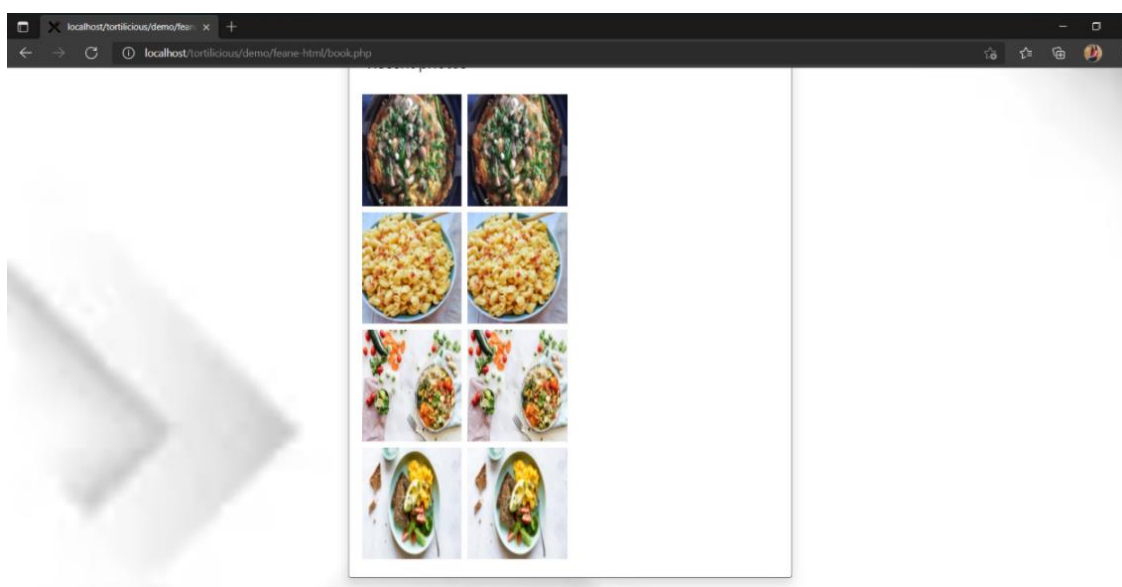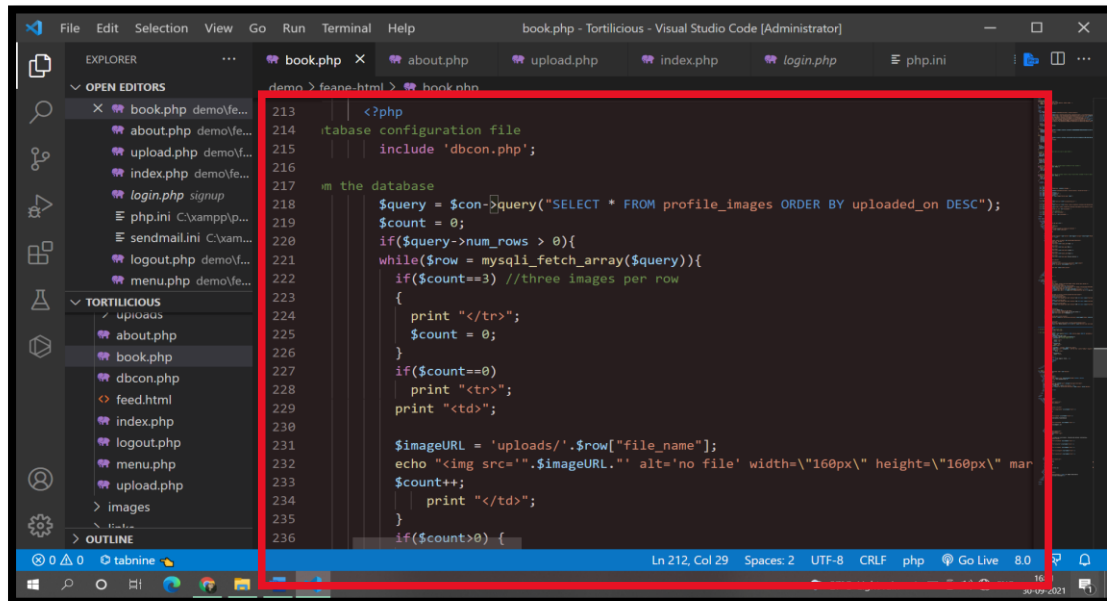

Fig 3.0- display user uploaded images

After applying logic in the code , we got the images in the correct format ,here is the logic for the same

Fig 3.1- formatting in images

And here is the photo of the images which are uploaded by the user in the correct format
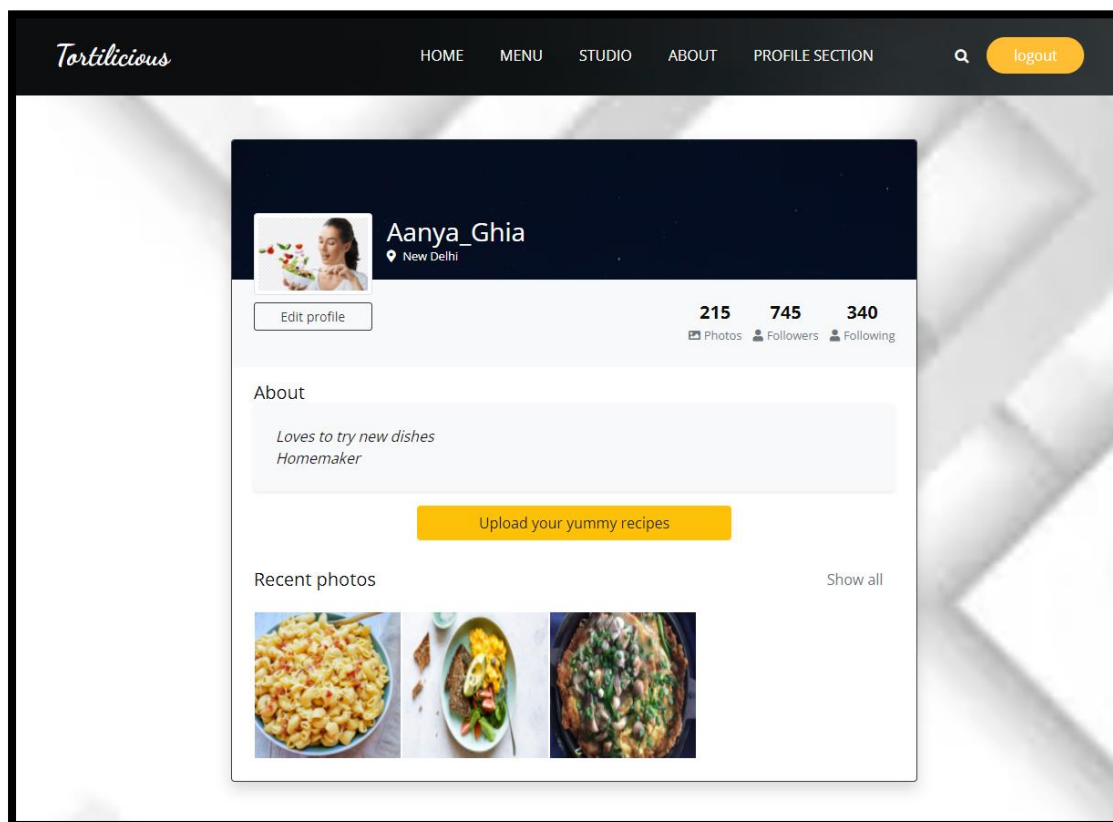

Fig 3.2- Images upload

Conclusion: Project-Based Learning embraces the principles of good learning and teaching. It is student-directed (which encourages self-sufficiency and is a preparation for life-long learning), and promotes active and deep learning. By this means of project we have learnt that it Enables the younger generation's conversational abilities to develop in tandem with the passage of time through the creation of novel technologies in order to prepare for their future life journey. Project-based learning enables students to master not only traditional subject but also the 21st-century skills they will need to succeed in a rapidly changing, globally connected environment.