

THE VIT EXPRESS

PROJECT REPORT

*Submitted in fulfilment for the J-Component of ITE1008 – Open Source
Programming*

CAL COURSE

in

B.Tech. (Information Technology)

by

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SITE



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Information Technology and Engineering

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ABSTRACT

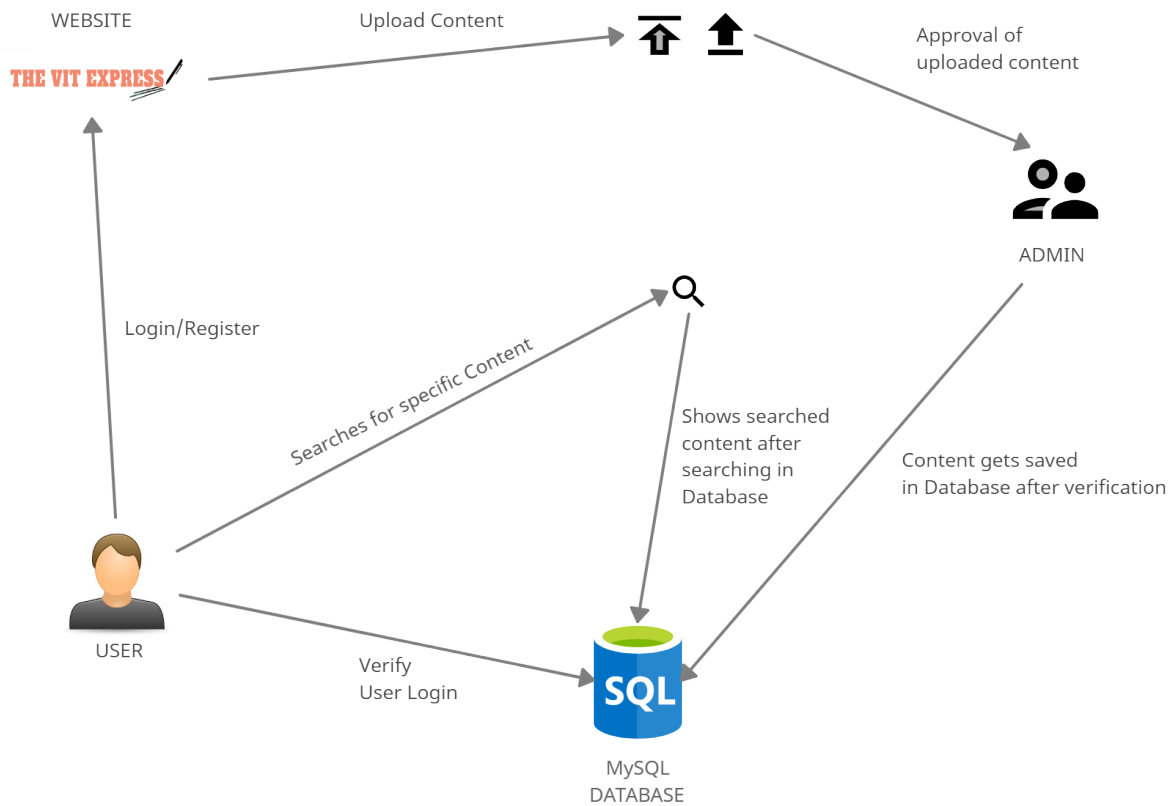
There is so much news related to college circulating everyday through different social media platforms from unverified sources. We are unable to predict whether it is actually true or not and subsequently turn to other people be it friends, proctors, faculty members etc. for checking the authenticity of the news. If the other people are also unaware of it, then they also do the same and turn to other people for verification and this process goes on and on if the news is just a rumour. This creates chaos among the students and staff members and ultimately the college administration has to intervene and clear the air with an official mail. So, a rumour which was spread by a bunch of notorious students can lead to so much chaos and inconvenience among other students and the college fraternity.

The VIT Express will be a platform which can be a possible solution to this problem where the students or staff members will be able to post any query or upload any unverified news which will be verified by the administration and subsequently posted on the homepage depending on its authenticity making it available for the VIT community to view and clarify their doubts. The administration in this way will be able to clarify which news is true and which is false. So, instead of verifying the news from other others, people can simply login and search for the unverified news, if they don't find any such news verified by the administration then they can simply raise a query which will be answered by the administration.

PROBLEM STATEMENT

The VIT Express aims to keep the VIT community updated about day to day happenings in the college. There is no proper platform for Vitians to know news and announcements frequently. This project has many modules such as posting, saving posts, commenting and subscribing for newsletters.

PROCESS FLOW DIAGRAM



MODULES

1) Register

A first time visitor will have the option to register on the site for posting news, commenting and giving reviews on a post and subscribing for a newsletter.

2) Login/Logout

This functionality will provide a registered user option to log in as well as log out of his /her registered account. The login will take the user to his/her profile. Each user will have a separate profile from where they can control their activity.

3) Homepage

This page will display the main content of the news under different sections such as rumours and headlines. This page will display all the options available to the user. Navigation panel will contain links to other web pages.

4) News Posting

This feature will enable a user to post news for publishing it on our site. The news once approved by the admin gets posted

5) Reviews and Comments

This will provide the functionality of adding a review or a comment on each post.

6) Mailing Newsletter

This feature allows the admin to send newsletters to users who have subscribed for newsletters.

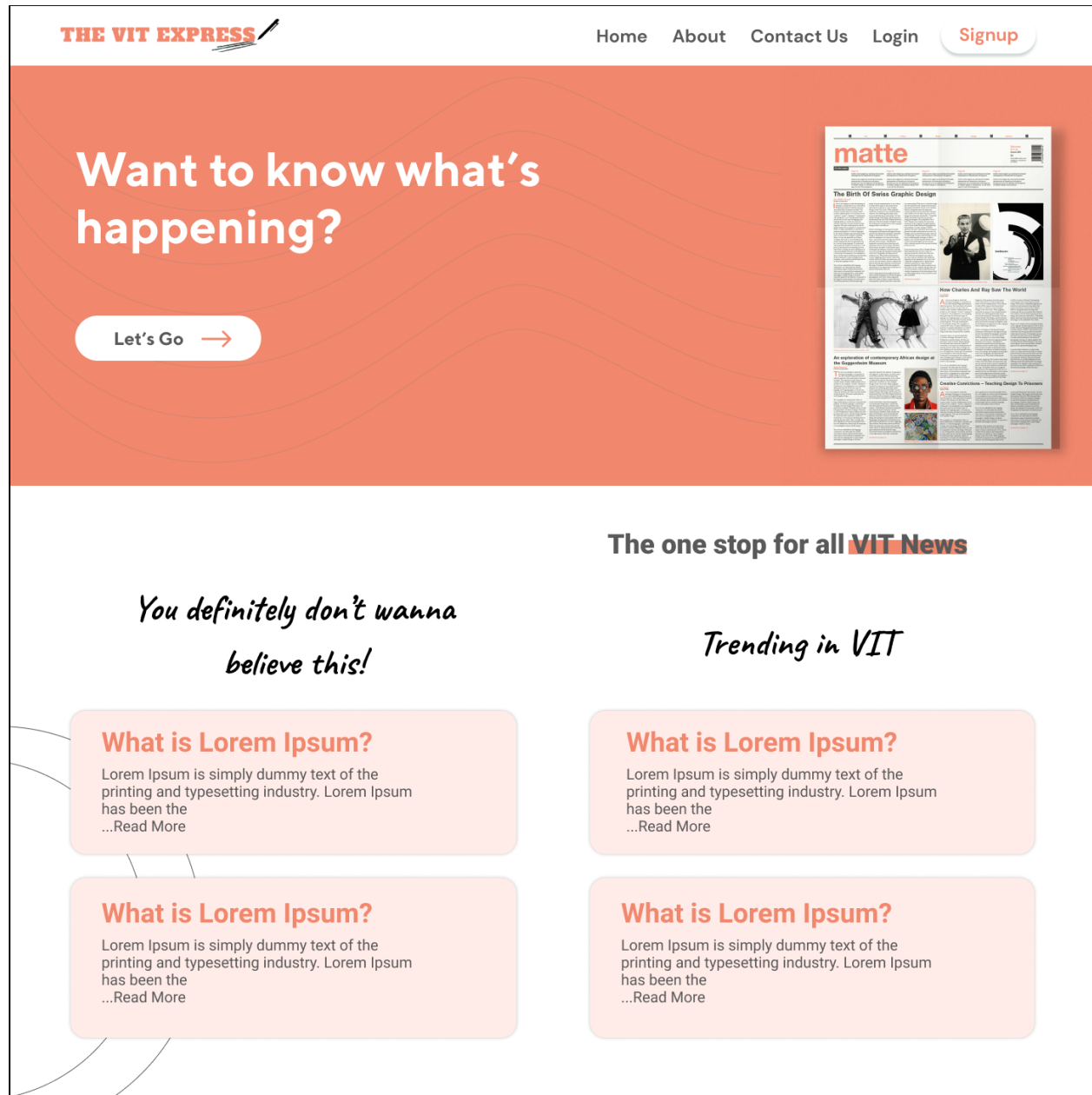
7) Saving Posts

Each post will have an option, so that the user can save that particular post for future reference and the same can be viewed in the saved posts section.

8)Search

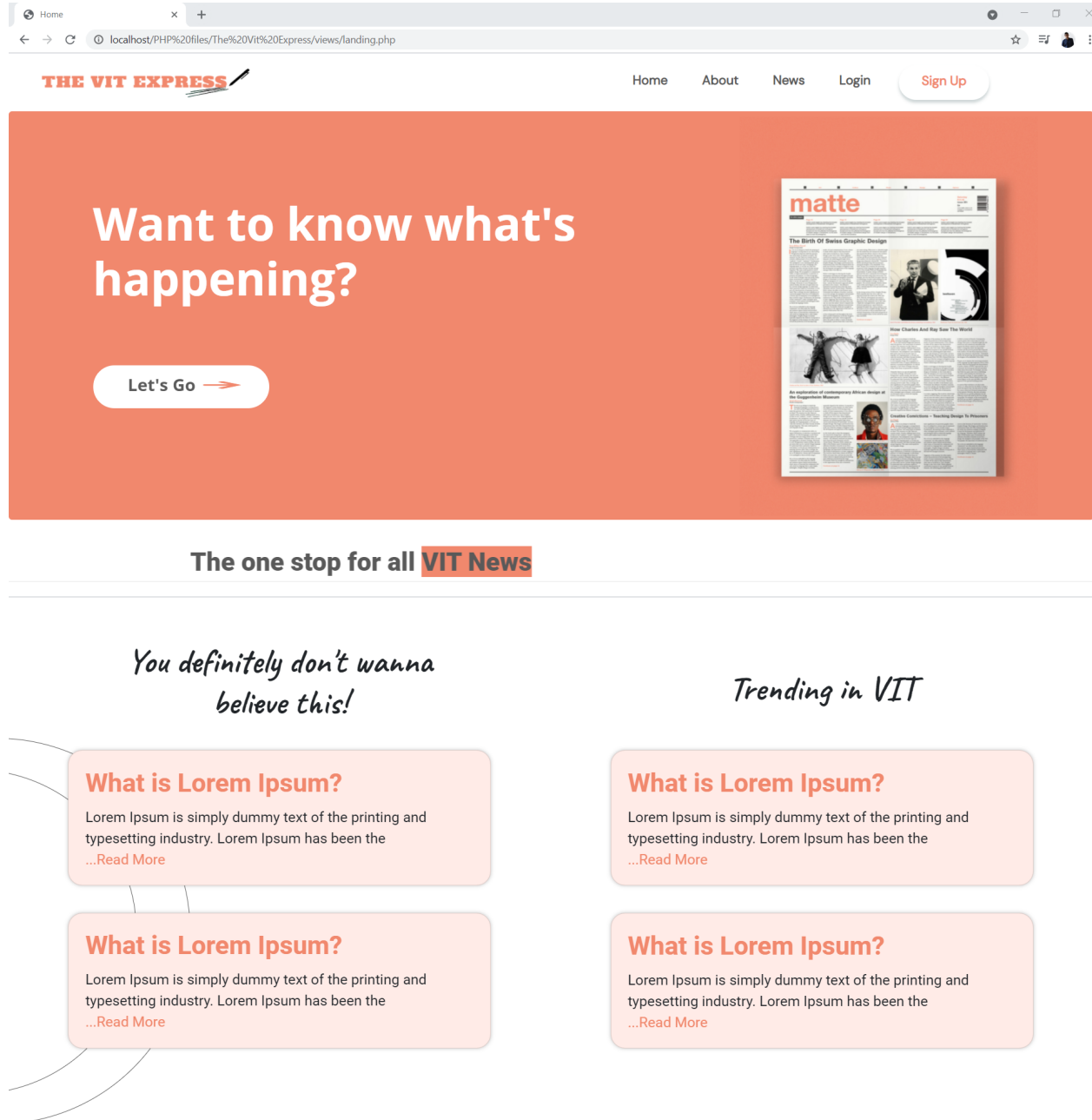
This will help the user to search for any post by entering its title.

PROTOTYPE DESIGN

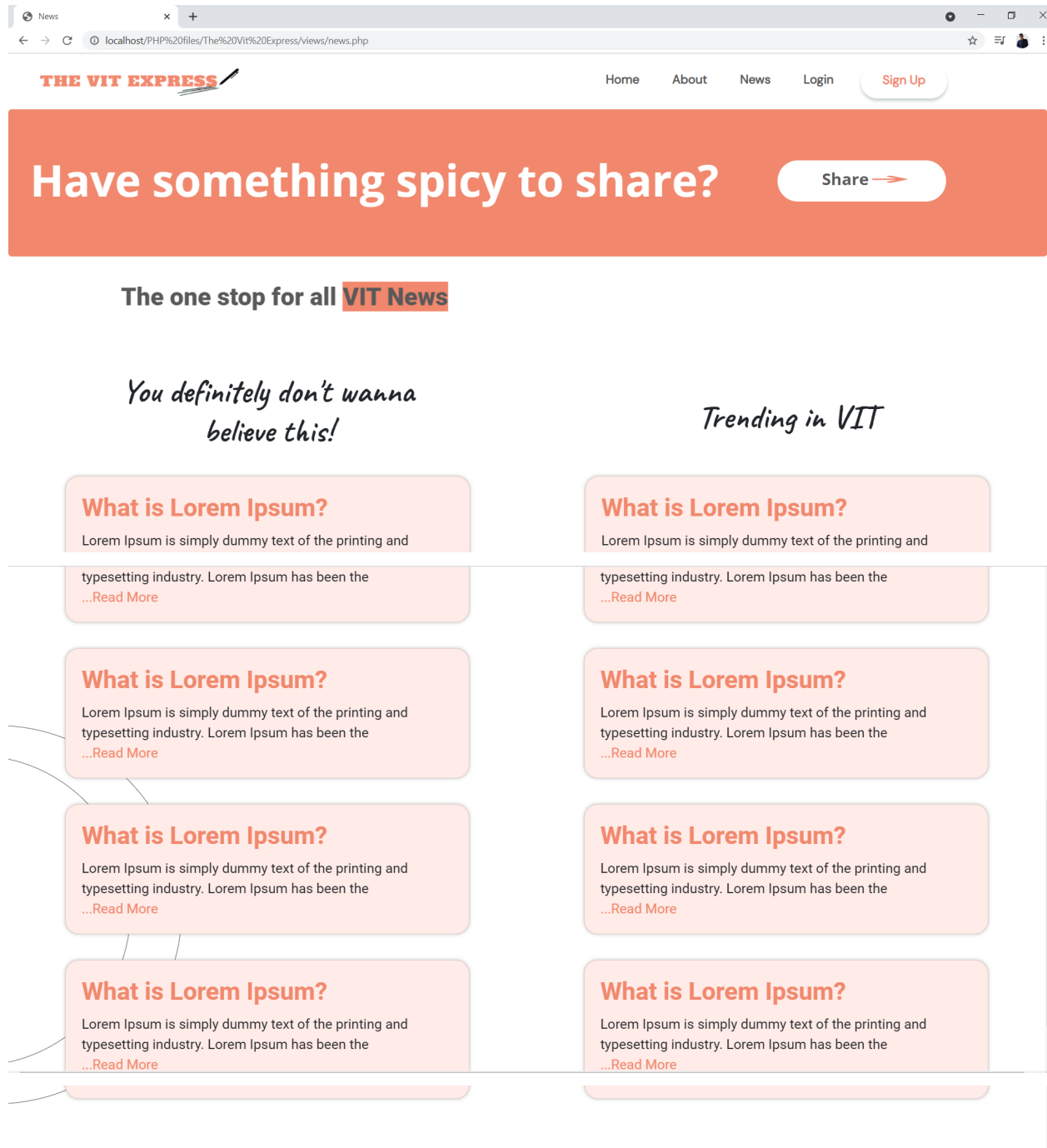


FRONT-END DESIGN

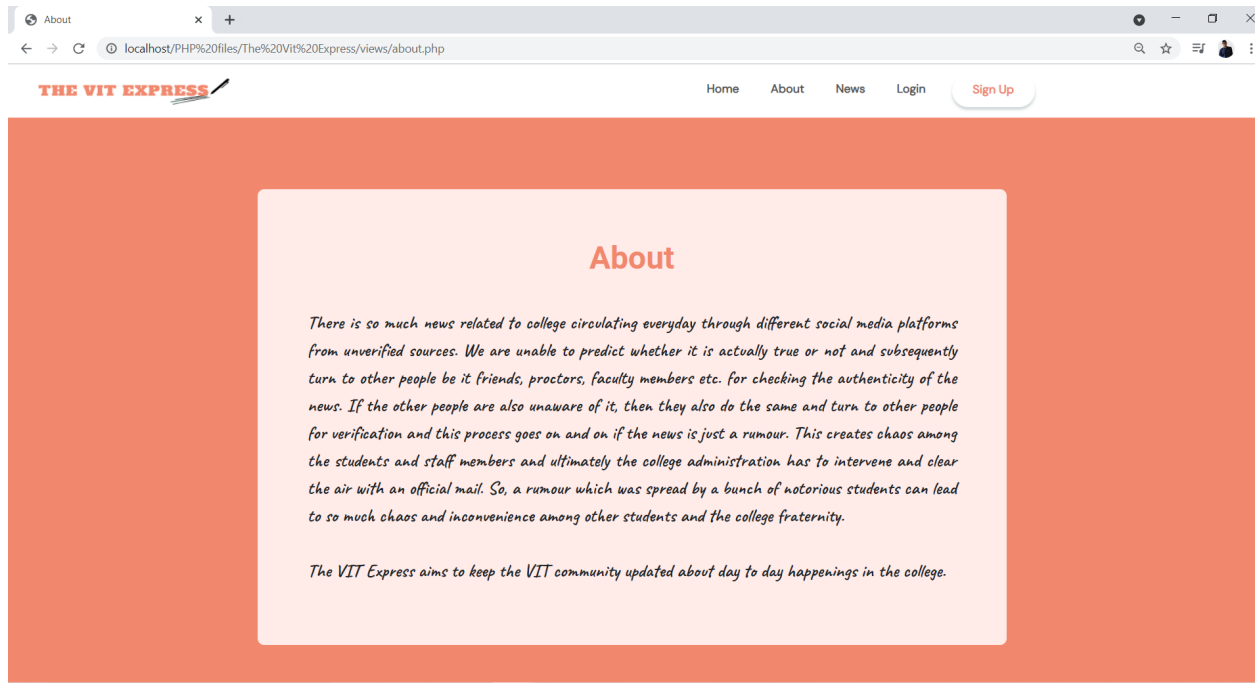
1. Landing Page



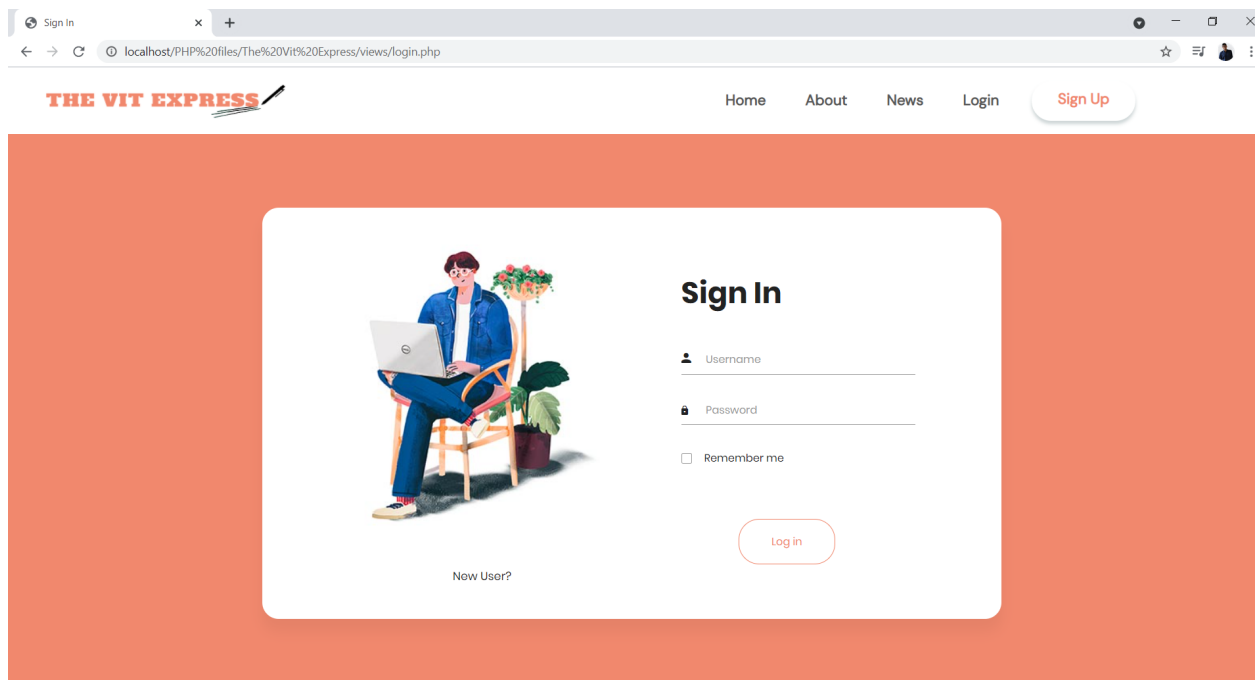
2. News page



3. About Page



4. Login Page



5. Sign Up Page

The screenshot shows a web browser window with the address bar displaying 'localhost/PHP%20files/The%20Vit%20Express/views/signup.php'. The page features a navigation bar with 'Home', 'About', 'News', 'Login', and a 'Sign Up' button. The main content area has an orange background. On the left, a white box contains the 'Sign up' form with fields for 'Your Name', 'Chose your username', 'Your Email', and 'Chose your Password'. Below these is a 'Chose your profile picture' section with a 'Choose File' button and 'No file chosen' text. A checkbox for 'I wish to subscribe to the newsletter!!' is also present. A 'Register' button is at the bottom. To the right of the form is an illustration of a desk with a laptop, a potted plant, and a pink chair. Below the illustration is a link that says 'I am already member'.

Sign up

Your Name

Chose your username

Your Email

Chose your Password

Chose your profile picture

No file chosen





☐ I wish to subscribe to the newsletter!!

[I am already member](#)

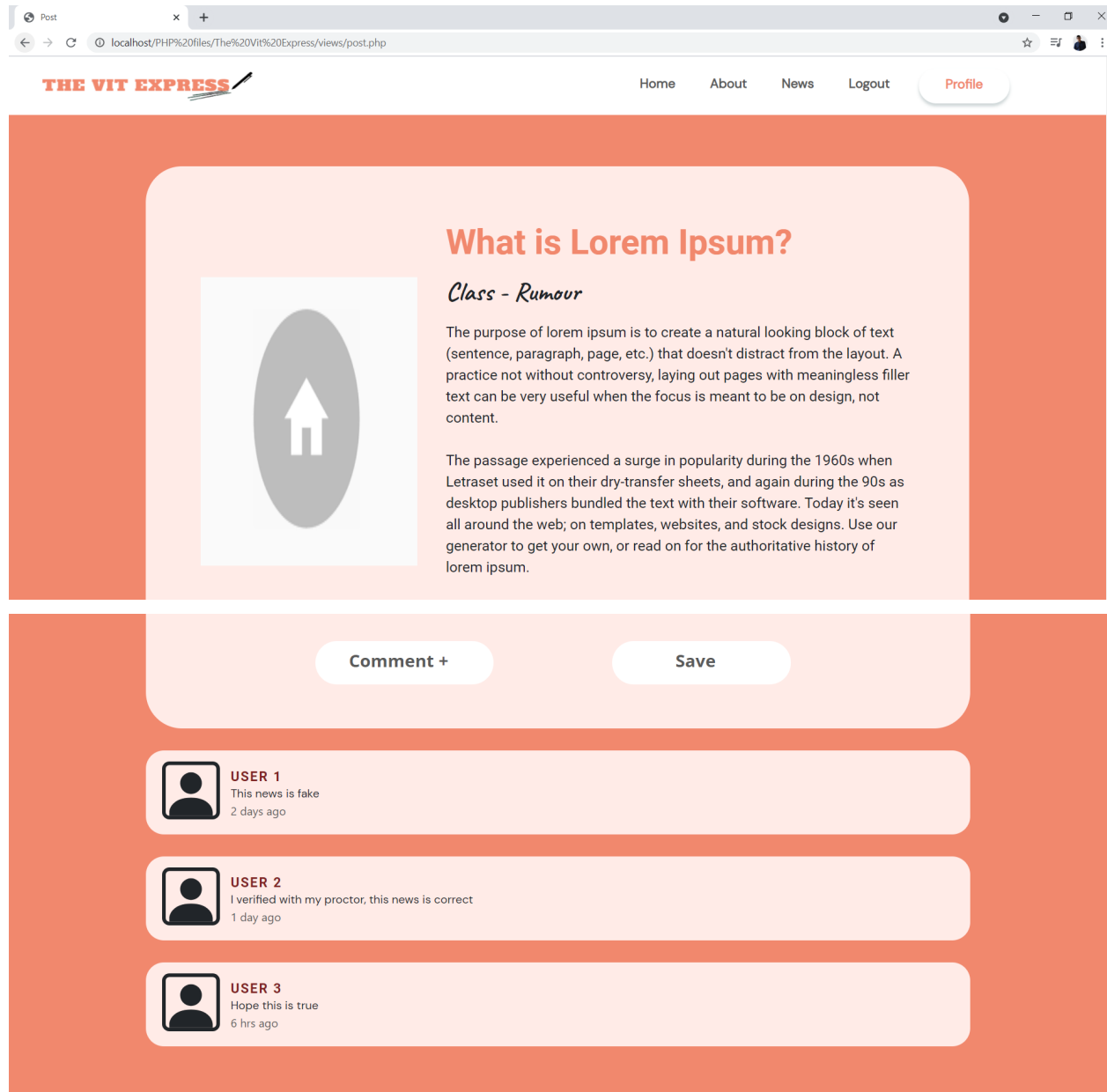
6. Profile Page

The screenshot shows a web browser window with the address bar displaying 'localhost/PHP%20files/The%20Vit%20Express/views/profile.php'. The page features a navigation bar with 'Home', 'About', 'News', 'Logout', and a 'Profile' button. The main content area has an orange background. On the left, a white box contains a profile section. It starts with a circular profile picture placeholder showing a cartoon man. To the right of the picture is the 'Information' section, which is divided into two columns. The left column contains 'Name' (Sanskar Agarwal) and 'UserName' (Sanskar11). The right column contains 'Email' (abc@gmail.com) and 'Saved Posts' (Link here). Each item is accompanied by a small icon representing the field type.

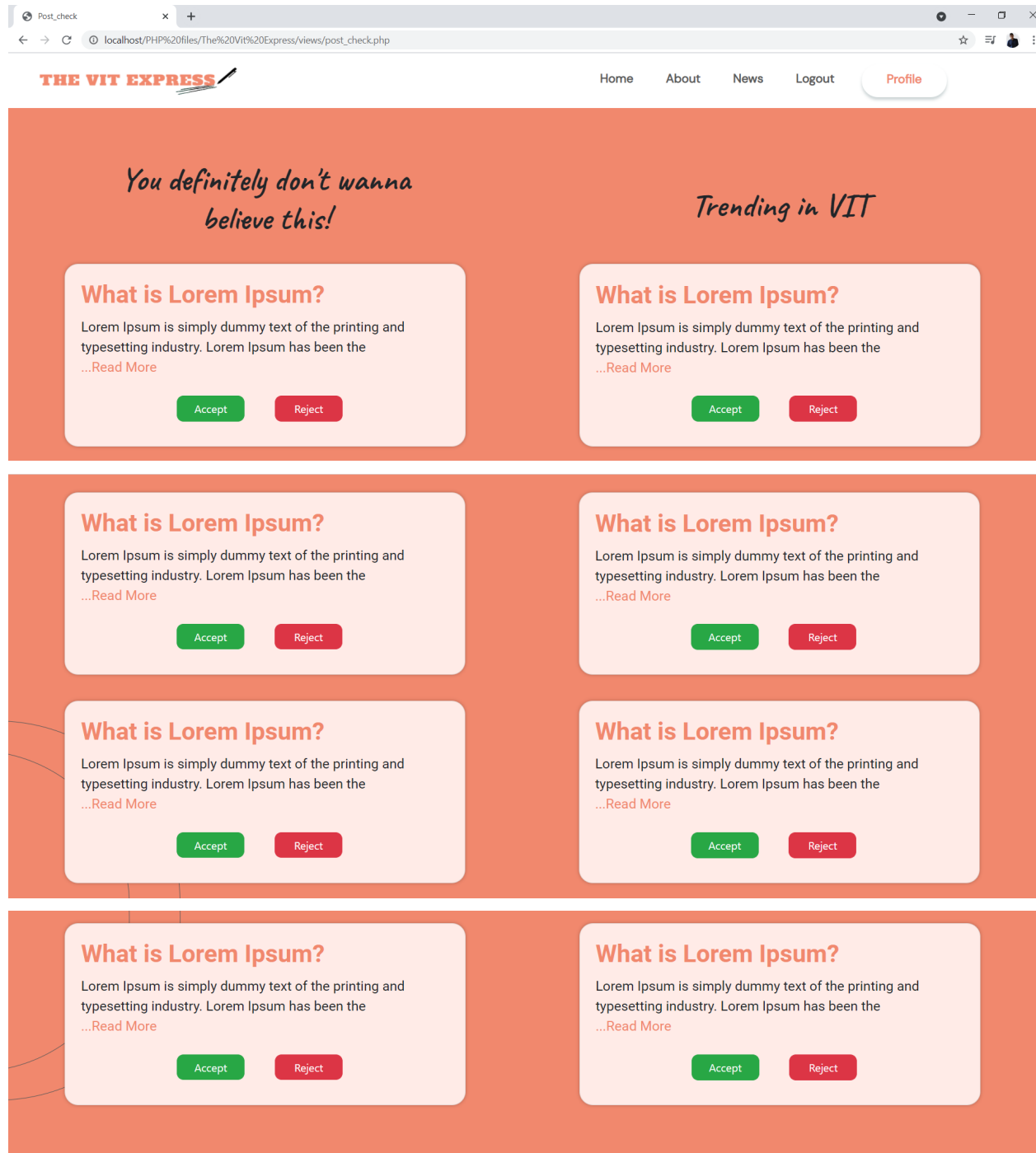
Information

 Name	 Email
Sanskar Agarwal	abc@gmail.com
 UserName	 Saved Posts
Sanskar11	Link here

7. Post Page



8. Post Check Page



9. News Post Form

The screenshot shows a web browser window with the address bar displaying 'localhost/PHP%20files/The%20Vit%20Express/views/newspost_form.php'. The page features a navigation bar with 'Home', 'About', 'News', 'Logout', and a 'Profile' button. The main content area is titled 'News Post' and contains the following form elements:

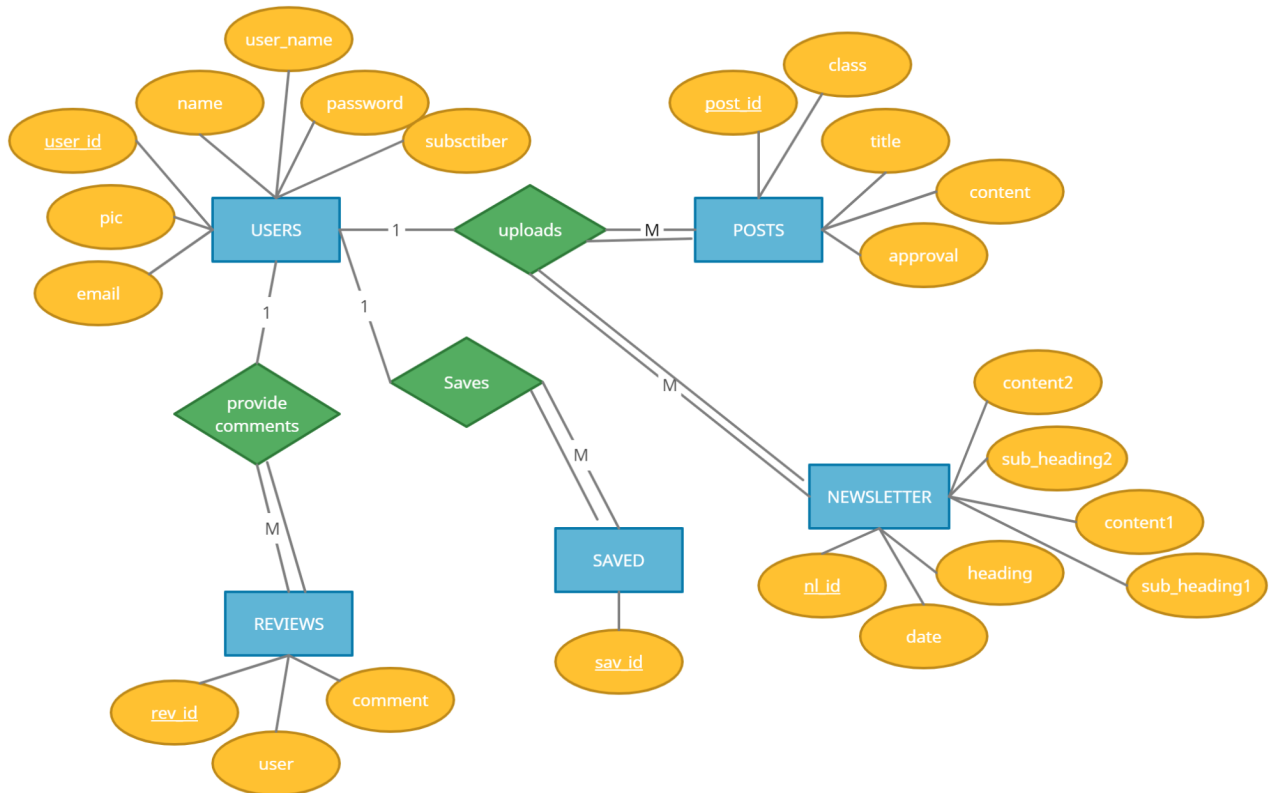
- Title :-** A text input field with the placeholder 'Enter tile'.
- Class of your news :-** Two radio buttons labeled 'Rumour' (selected) and 'Headline'.
- Image**: A 'Choose File' button and the text 'No file chosen'.
- Post :-** A large text area with the placeholder 'Enter you news content here'.
- Submit**: An orange button at the bottom center.

10. Newsletter Form

The screenshot shows a web browser window with the address bar displaying 'localhost/PHP%20files/The%20Vit%20Express/views/newsletter_form.php'. The page features a navigation bar with 'Home', 'About', 'News', 'Logout', and a 'Profile' button. The main content area is titled 'Newsletter Form' and contains the following form elements:

- Heading**: A text input field with the placeholder 'Enter-Heading'.
- Sub heading 1**: A text input field with the placeholder 'Enter Sub-heading 1'.
- Sub heading 2**: A text input field with the placeholder 'Enter Sub-heading 2'.
- Content 1**: A large text area with the placeholder 'Enter content 1'.
- Content 2**: A large text area with the placeholder 'Enter content 2'.
- Submit**: An orange button at the bottom center.

DATABASE ER DIAGRAM



DATABASE DETAILS

Database Name: vit_express

TABLES

Table Name: users

Number of attributes: 7

Attribute details

Name	user_id (Primary Key)	username	user	password	pic	email	subscriber
Type	int	varchar	varchar	varchar	text	varchar	boolean
Extra	Auto Increment						

Sample Inputs

+ Options

		user_id	username	user	password	pic	subscriber	email
<input type="checkbox"/>	Edit Copy Delete	1	kkm	Karthik	abc123	pic1.jpg	1	karthik@gmail.com
<input type="checkbox"/>	Edit Copy Delete	2	sa	Sanskar	def123	pic2.jpg	0	sanskar@rediff.com
<input type="checkbox"/>	Edit Copy Delete	3	rr	Ritwik	ghi123	pic3.jpg	1	ritwik@yahoo.com

Table Name: posts

Number of attributes: 6

Attributes details

Name	post_id (Primary Key)	user_id (Foreign key)	class	title	content	approval
Type	int	int	varchar	varchar	varchar	boolean
Extra	Auto Increment					

Sample Inputs

			post_id	user_id	class	title	content	approval
<input type="checkbox"/>	Edit Copy Delete		32	3	class1	title1	content1	0
<input type="checkbox"/>	Edit Copy Delete		33	1	class2	title2	content2	1
<input type="checkbox"/>	Edit Copy Delete		34	2	class3	title3	content3	0

Table Name: reviews

Number of attributes: 4

Attribute details

Name	rev_id (primary key)	post_id (foreign key)	user	comment
Type	int	int	varchar	varchar
Extra	Auto Increment			

Sample Inputs

			rev_id	post_id	user	comment
<input type="checkbox"/>	Edit Copy Delete		91	32	Karthik	This comment can be extended upto 400 words...
<input type="checkbox"/>	Edit Copy Delete		92	33	Ritwik	This is the comment of second user
<input type="checkbox"/>	Edit Copy Delete		93	34	Sanskar	This is the comment of third user

Table Name: newsletter

Number of attributes: 7

Attribute details

Name	nl_id (primary key)	post_date	heading	sub_heading1	content1	sub_heading2	content2
Type	int	date	varchar	varchar	varchar	varchar	varchar
Extra	Auto increment						

Sample Inputs










			nl_id	post_date	heading	sub_heading1	content1	sub_heading2	content2
<input type="checkbox"/>	 Edit	 Copy	 Delete	101	2020-04-19	heading 1	subheading11...	content11...	NULL
<input type="checkbox"/>	 Edit	 Copy	 Delete	102	2020-05-21	heading2	subheading21	content21	subheading 22
<input type="checkbox"/>	 Edit	 Copy	 Delete	103	2020-03-19	heading3	subheading31	content31	subheading 32












Table Name: saved

Number of attributes: 3

Attribute details

Name	sav_id (primary key)	user_id (foreign key)	post_id (foreign key)
Type	int	int	int
Extra	Auto increment		

Sample Inputs

 				sav_id	user_id	post_id
<input type="checkbox"/>	 Edit	 Copy	 Delete	303	1	33
<input type="checkbox"/>	 Edit	 Copy	 Delete	304	2	32
<input type="checkbox"/>	 Edit	 Copy	 Delete	305	3	24