

Reference On the Study-Stash Web App Development

To ensure smooth registration and login functionality on study-stash web application:

1. Registration Process:

- When a user successfully registers, display a clear message on the form: "Account created successfully. You can now log in."
- Implement strong password requirements (e.g., minimum length, special characters, etc.) during registration.
- Validate that the provided email or username doesn't already exist in the system.
- If the email or username is already in use, display an error message on the form: "Email already exists" or "Username already taken."

2. Login Process:

- Provide a clear login form with fields for username/Email and password.
- Upon successful login, redirect the user to the appropriate page.
- If login fails, display a relevant error message, such as "Invalid credentials. Please try again."

Remember, user experience is key, so keep the design professional and user-friendly while implementing these features.

For the technical implementation, you can use your chosen technologies (Bootstrap, Django, Python, HTML, CSS) to handle the registration and login logic, form validation, and error messaging. Utilize encryption for storing passwords securely in the database.

Login Process:

1. After registration, the user will be redirected to the login page.
2. Provide a login form with the following fields:
 - Username/Email
 - Password
3. Validation and Messaging:
 - If the user enters incorrect credentials:
 - Display an error message with Bootstrap class "danger": "Invalid username or email."
 - If the user enters valid credentials and successfully logs in:
 - Display a success message with Bootstrap class "success": "You have logged in successfully."

Ensure that the error and success messages are prominently displayed and styled appropriately using Bootstrap classes.

Application's Security and User Experience Enhancement:

As we work on enhancing the security and user experience of our application, we will be implementing reCAPTCHA functionality. This addition will bolster security during user registration and login processes, safeguarding our platform from potential threats. To ensure a secure implementation, I will provide you with the necessary reCAPTCHA API credentials. However, I want to stress the importance of not hardcoding these credentials directly into the application files. Instead, it is imperative that we utilize environment variables stored in .env files. This approach guarantees an added layer of security for our application. Moreover, I would like to emphasize the significance of clear and robust coding practices. As you work on this implementation, please prioritize writing clean and secure code that is not vulnerable to potential attacks. Incorporating strong security measures is essential to maintaining the integrity of our application. Once the reCAPTCHA API keys are received, please proceed with implementing the reCAPTCHA feature. This proactive step will effectively prevent automated bots and elevate the overall security of our platform. Your commitment to both security and user experience is valued, and I appreciate your dedication to creating a robust and safe environment for our users.

Password Reset Process:

a/. Invalid Email Address:

1. On the "normal_forgot_password.html" page, provide an input field for the user's email address.
2. When the user submits the form, validate whether the provided email exists in the database:
 - If the email is not registered, display an error message: "Invalid email provided. Please use a registered email address."

b/. Password Reset Steps:

1. Create the necessary pages for the password reset functionality:
 - Password reset request form: Users enter their email to initiate the reset process.
 - Password reset confirmation page: Displayed after the user clicks on the password reset link in their email.
 - New password setup form: Users set a new password after clicking the confirmation link.
2. Upon each successful step in the password reset process, display a success message:
 - Password reset request success: "Password reset link sent to your email. Follow the instructions to reset your password."
 - Password reset link clicked success: "Password reset link verified. Set a new password."
 - Password reset successful: "Password reset successful. You can now log in with your new password."

Ensure that the password reset emails sent to the user are from the email address: no-reply@study-stash.com. (Create the necessary templates for this process, you can refer from the provided login form)

3. After completing the password reset process, redirect the user to the login page. Ensure that the user interface is clear and intuitive, and the messages follow the specified design (using Bootstrap classes).

Account Activation and Related Pages:

d/. First-Time User Login:

1. When a user logs in for the first time, redirect them to "active_first_time_user.html".
2. Display a warning message on this page: "Study-Stash has sent a verification link to the email you provided for account activation."
3. Include a "Resend" link in case the user did not receive the email.

Activation Link Email:

1. When a user creates an account, they will receive an email containing an activation link.
2. The email should include a button with the value "Activate your account".
3. When the user clicks the button, their account is activated.

Account Activation:

1. If the account is not activated by verifying the email within 3 hours, the account will be deactivated.

Active Account Deactivated Page: (account_deactivated_successfully.html)

1. Display a message informing the user that their account is deactivated and needs verification:
 - "Your account is currently deactivated. Please verify your email to reactivate your account."
2. Provide a button to resend the email verification link:
 - Button text: "Resend Verification Email"
 - Upon clicking the button, trigger the email verification process.
3. Style the page using professional design and layout, following the Bootstrap classes for a clean and appealing appearance.
4. Disable all other links and user interactions on the page:
 - Make sure all links and buttons, except the "Resend Verification Email" button, are disabled and visually distinct to indicate that they are inactive.
5. Ensure that the user cannot perform any action on this page until they click the "Resend Verification Email" button.

Account Activated Successfully:

1. After the user clicks the activation button in the email: == this email should from [no-reply@study-stash.com](mailto:reply@study-stash.com) (accountdeactivated.html) (this template will be seen in the email inbox)
 - Redirect them to "account_activated_successfully.html".
 - Display the message: "Your account has been activated successfully. You will be redirected to the login page shortly."

Thank You Email:

1. Once the account activation is successful, send an email to the user with the template "thank_you_for_joining_studystash.html". This email should express gratitude for joining and

provide any necessary information. (Do not worry about this just a simple template is needed it can be modified later)

Please design the mentioned templates ("account_activated_successfully.html", "account_activated_successfully.html", "thank_you_for_joining_studystash.html") as simple HTML templates. Just simple templates so that you can integrate these templates as needed.

Ensure that all redirects, messages, and buttons are implemented using your chosen technologies (Bootstrap, Django, Python, HTML, CSS).

User Journey After Login:

1. After Login:

- Upon successful login, redirect the user to "active_first_time_user.html".

2. Active First-Time User Page:

- Display a blue "Next" button. (This is already done I hope you have seen it)
- When the user clicks the "Next" button, redirect them to "active_studentinfo_checkout.html".

3. Active Student Information Upload Page:

- The email field on this form should be auto-filled with the email provided during registration.
- Allow the user to upload their student information. (Please here some of the fields should be dynamically updated by the **admin** = {Country, Course, University})
- Upon successful upload, display a success message: "You have successfully uploaded your student information."
- Redirect the user to "active_session_membership.html".

4. Active Session Membership Page:

- Prompt the user to select and purchase a membership. (There is an option I hope you have seen it already)
- After successful membership purchase, display a success message: "Study-Stash has successfully received your payment."
- Send an email notification to the provided email address (associated with the check-out form). (The email should have a student id, meaning that once the student has successfully paid, we shall have to generate an ID for him and it will be displayed on his profile settings (template_workspace folder)).

Study-Stash ID

Stash: ABC0944

Address

123 Main St, City, Country

Email Address

example

- Design a simple email template for the notification. The email should be sent from [no-reply@study-stash.com](mailto:reply@study-stash.com)

Remember, your primary focus should be on implementing the backend functionality, including form submissions and email notifications. You are also welcome to make modifications to the front-end as needed to enhance functionality and design, while ensuring that the pages maintain a professional layout and use Bootstrap classes for styling.

So once the user has uploaded his student information and paid the membership fee, he should be redirect to the successuser.html (this page is found in the template folder inside template_workspace/offcanvas_navbar), after payment he should never meet these pages again.

- a/. active_first_time_user.html
- b/. active_studentinfo_checkout.html

Note: The user should be redirected to the active_index_page.html for the next login he will make after paying his membership plan. The membership will only last for 30 days. Only paid user will be able to access (template_workspace/files)


```

<div class="col-lg-3 col-md-6 footer-links">
  <h4>Useful Links</h4>
  <ul>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'index' %}#hero">Home</a></li>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'statements' %}#studystash-helpdesk"
target="_blank">Help & Support</a></li>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'login' %}#loginnow">My Account</a></li>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'statements' %}#studystash-privacy" target="_blank">
Privacy policy</a></li>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'statements' %}#studystash-terms" target="_blank">Terms of use</a>
</li>
    <li><i class="bx bx-chevron-right"></i> <a href="{% url 'statements' %}#studystash-donotsell" target="_blank">Do Not Sell
My Personal Information</a></li>
  </ul>
</div>

```

That page above is only accessed when the user is logged in, please make some updates that link should be pointing to (template_workspace/offcanvas-navbar/successuser.html), so replace “My Account” with “My Workspace”. Also replace Get started with “My workspace” to the below template (active_header)

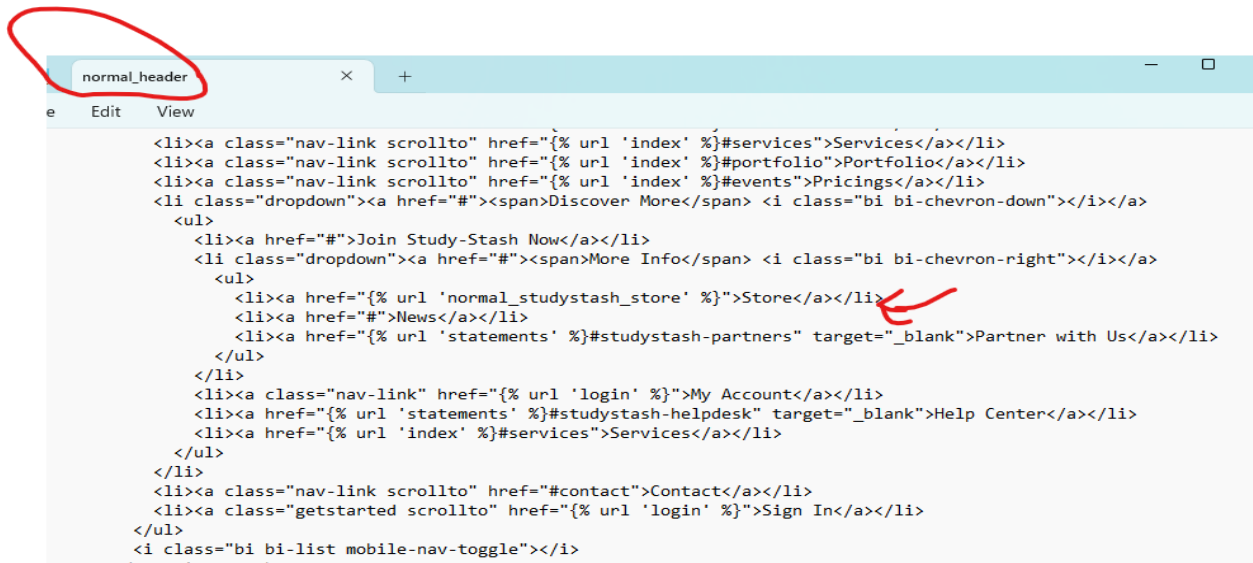
Remember that this links we only redirect the user to the workspace if he has paid for the membership if the user has not done so he should first be redirected to the "active_session_membership.html" for him to purchase the membership



```
</a>
</li>
{% endif %}
<li class="dropdown"><a href="#"><span>More Info</span> <i class="bi bi-chevron-right"></i></a>
  <ul>
    <li><a href="{% url 'active_studystash_store' %}">Store</a></li>
    <li><a href="#">News</a></li>
    <li><a href="{% url 'statements' %}#studystash-partners" target="_blank">Partner with Us</a></li>
  </ul>
</li>
<li><a class="nav-link scrollto" href="{% url 'active_index' %}#about">Get Started</a></li>
<li><a href="{% url 'statements' %}#studystash-helpdesk" target="_blank">Help Center</a></li>
<li><a href="{% url 'active_index' %}#services">Services</a></li>
</ul>
</li>
<li><a class="nav-link scrollto" href="{% url 'active_index' %}#contact">Contact</a></li>
<li><a class="getstarted scrollto" href="{% url 'logout' %}">Sign Out</a></li>
</ul>
<i class="bi bi-list mobile-nav-toggle"></i>
</nav><!-- .navbar -->
...

```

Also, in the templates include/normal includes/normal_header.html a link pointing to “My Workspace” (templates workspace/offcanvas-navbar/successuser.html) should be added after the store link. Remember the templates workspace should be accessed with students that have successful paid for the membership only and with a limited number of days (30 days). Once those days are done. This page should be called “active_session_expired.html” the renewal button should be redirecting the student to the “active_session_membership.html” for him to renew his plan. Upon also membership expiration a notification email should be sent to the concerned user; it should be from no-reply@study-stash.com (renewalplan.html) (this template will be seen in the email inbox)



```
normal_header
Edit View

<li><a class="nav-link scrollto" href="{% url 'index' %}#services">Services</a></li>
<li><a class="nav-link scrollto" href="{% url 'index' %}#portfolio">Portfolio</a></li>
<li><a class="nav-link scrollto" href="{% url 'index' %}#events">Pricings</a></li>
<li class="dropdown"><a href="#"><span>Discover More</span> <i class="bi bi-chevron-down"></i></a>
  <ul>
    <li><a href="#">Join Study-Stash Now</a></li>
    <li class="dropdown"><a href="#"><span>More Info</span> <i class="bi bi-chevron-right"></i></a>
      <ul>
        <li><a href="{% url 'normal_studystash_store' %}">Store</a></li>
        <li><a href="#">News</a></li>
        <li><a href="{% url 'statements' %}#studystash-partners" target="_blank">Partner with Us</a></li>
      </ul>
    </li>
    <li><a class="nav-link" href="{% url 'login' %}">My Account</a></li>
    <li><a href="{% url 'statements' %}#studystash-helpdesk" target="_blank">Help Center</a></li>
    <li><a href="{% url 'index' %}#services">Services</a></li>
  </ul>
</li>
<li><a class="nav-link scrollto" href="#contact">Contact</a></li>
<li><a class="getstarted scrollto" href="{% url 'login' %}">Sign In</a></li>
</ul>
<i class="bi bi-list mobile-nav-toggle"></i>
```

In (active_template) a page named “against_study_stash.html” should be called once the user’s account is deactivated either by the admin (Some students might go against the rules of study stash), this page will only be visible to logged in users only. And once it’s called the user shall not be able to do anything on the site other links will work clearly but he will be restricted to access his workspace.

Followed by an email should be sent to the user from no-reply@study-stash.com) (regulationsstudystash.html) (this template will be seen in the email inbox)

Note: This works differently from the account_activation_successfully.html and account_deactivated_successfully.html.

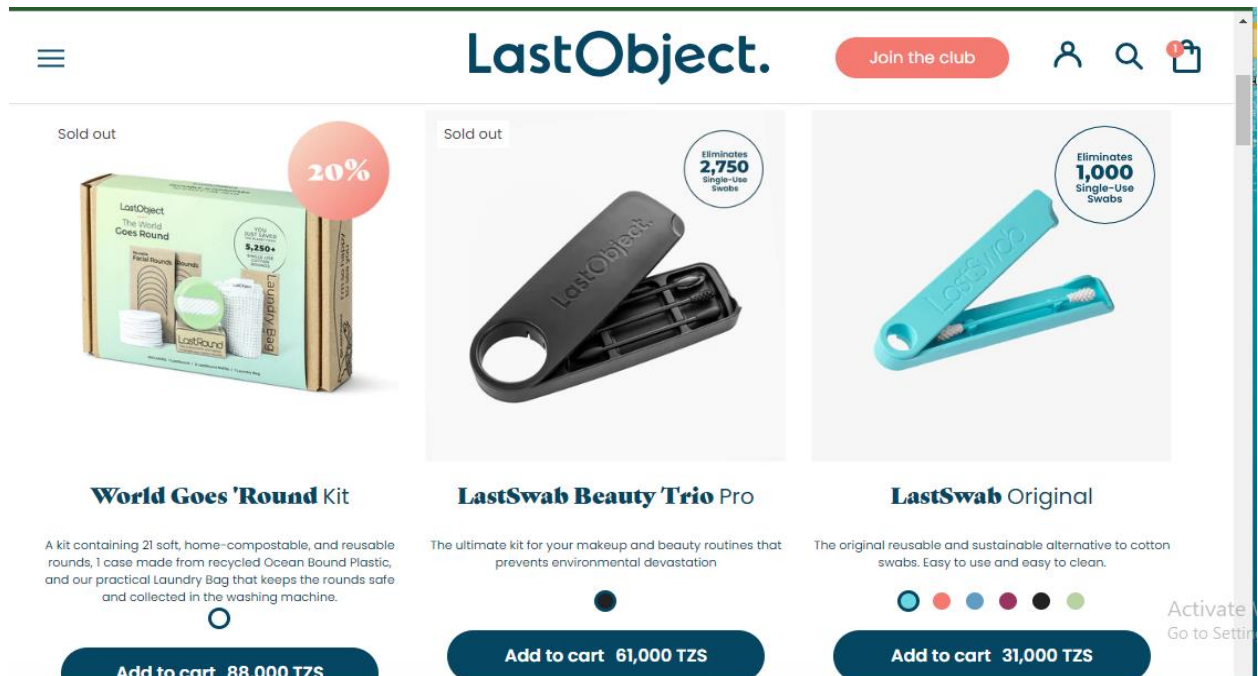
Study_Stash_store:

For one to purchase anything from study_Stash_store he should be registered.

I liked your store:

The header and the footer should be of study_stash, so you can edit the code by removing the unnecessary code from the source code I provided you. Then on the checkout form the user should be redirected to the same checkout form we use for membership purchase. So, I will need before a user is redirected to the checkout form, he should review his order of products added in the cart.

Once one has purchased a product from study stash, he should be sent a notification email via the provided email in the checkout form. the email should be from (no-reply@study-stash.com) (product_purchase_details.html) Please design the template that will show up in the email-inbox for the one that has purchased the product. It should have the product name, product price and other necessary details.



Dynamic Content Management from Admin:

We shall be introducing robust features to enable seamless and dynamic content management from the admin side, ensuring that the platform's information is always up-to-date and accurate:

1. Partnership Section:

- Admins can effortlessly update the Partnership section on both the "active_index" and "index" pages. This allows for real-time adjustments to the partnerships featured on these pages.

2. Statements and Policies:

- Admins will have the capability to upload and manage statements such as "Privacy Policy," "Terms of Use," and "Do Not Sell My Personal Information" on the "Statements.html" page. This ensures legal and privacy-related content is always current.

3. Product Management:

- Admins can dynamically modify the products available in the store. This encompasses tasks such as adding new products, removing outdated ones, and performing other necessary product-related actions.

4. Partnership List Template:

- The "partnershiplist.html" template's content can be updated and adjusted via the admin account. Admins will have the flexibility to manage and showcase partnership information as needed.

These enhancements empower administrators with precise control over content, allowing for effortless updates, additions, and management of various sections throughout the platform. This ensures that users receive accurate and timely information.

Templates/template_workspace/offcanvas-navbar/ links on that page should be point to the followings

a/. study-stash store == active_studystash_store.html

b/. Referral Program Implementation:

When a user participates in the "Refer a Friend" program on study-stash.com, a modal window will elegantly appear, presenting a unique referral link to be shared. This referral link will be the key to the referral process.

To ensure seamless functionality, the system will perform the following actions:

1. Referral Link Generation:

- Upon initiation, a user will receive a distinctive referral link within the modal. This link will enable them to refer friends to study-stash.com.

2. Tracking Referrals:

- When a user successfully refers a friend through their unique link, the details of the referrer and the referred friend will be meticulously stored in the referral table. This step is crucial for transparent tracking of users involved in the referral program.

3. Referral Reward:

- The referral table will be instrumental in facilitating fair compensation for users who refer others. This way, their contributions can be appropriately recognized and rewarded.

4. Membership Confirmation:

- The integrity of the referral program will be maintained by listing user details (both the Referrer and Referral) in the table solely after the referred friend has successfully purchased a membership at study-stash.com.

5. User-Centric Approach:

- To ensure accuracy and reliability, users who haven't completed a successful membership purchase will not appear in the table. This ensures that only genuine referrals and their associated details are recorded.

By implementing this meticulous process, study-stash.com aims to create a robust referral system that rewards users for their valuable contributions to our community.

News Events should be linked to study-stash's twitter account, we shall provide the links of all social media needed

Help&Support: Should be linked to statements.html on the help and assistance page,
Contact us: should be linked to the active_index.html on the contact us form section
Here the implementation of the contact form should be done every message should arrive in info@study-stash.com email account.

Terms of Services: This should be linked to the statements.html page on the terms of service section.

Profile settings

The screenshot displays a user settings interface with two main sections: Profile Settings and Account Settings. The Profile Settings section includes input fields for First Name (John), Last Name (Doe), User Name (johndoe123), Email (johndoe@example.co), College (Example University), Education Level (Bachelor's Degree), Gender (Male), Country of Nationality (Tanzania), and Study-Stash ID (Stash: ABC0944). The Account Settings section features a subscription toggle for Normal (selected) and Pro, with an Upgrade button. It also includes fields for Account Info, such as Current loan display (\$0) and Certificates earn display (0). Below this, there are sections for updating contact information (Phone and Email) with Update and Save buttons. A note at the bottom of the Account Settings section states: 'How can Study-Stash reach you if needed? Provide your phone number and email for important notifications.'

Profile Settings		Account Settings	
First Name	Last Name	Your Subscription	
John	Doe	<input checked="" type="radio"/> Normal	<input type="radio"/> Pro <button>Upgrade</button>
User Name	Email	Account Info	
johndoe123	johndoe@example.co	\$ Current loan display \$0	
College	Education Level	Certificates earn display 0	
Example University	Bachelor's Degree	Incase Study-Stash Needs You Urgently	
Gender	Country of Nationality	Phone	<button>Update</button> <button>Save</button>
Male	Tanzania	Email	<button>Update</button> <button>Save</button>
Study-Stash ID	How can Study-Stash reach you if needed? Provide your phone number and email for important notifications.		
Stash: ABC0944			

Enhancements for User Profile and Settings:

We shall be introducing several enhancements to provide users with a seamless and personalized experience in managing their profiles and settings:

I. Profile Settings:

- All profile inputs will be set to read-only, displaying the user's information as entered during registration.

II. Account Settings:

- The current subscription will be prominently marked, with the option to upgrade available only for the normal plan.

III. Loan and Certificates Display:

- If the student has received a loan from study-stash, it will be displayed in the account information, along with certificates earned.

IV. Urgent Communication:

- A dedicated section for urgent communications will be available for updates anytime. Admins will have access to track this information.

V. Student's Address:

- The student's address will be conveniently retrieved from the registration form.

VI. Social Media Links:

- Links to social media profiles will be added when needed. Contact us when you're ready to provide these links.

VII. Task/Survey Preferences:

- Users will have the flexibility to update their preferred method of receiving tasks or survey questions from Study-Stash.

VIII. Billing Information:

- Users can update their billing information at any time to ensure accuracy.

IX. Renewal Information:

- Renewal information will align with the user's chosen plan and subscription start date.

X. Auto Renewal:

- Users can opt for auto-renewal, allowing Study-Stash to automatically renew their plan.

XI. Password Update:

- Users can change their password by providing the current password.

XII. Newsletter Subscription:

- Users are automatically added to our newsletter. If unchecked, the user will be removed from the newsletter distribution.

These enhancements will empower users with greater control over their profiles, subscriptions, and communications. We are committed to providing a user-centric platform that meets your needs effectively.

Stash: ABCU944




Address

123 Main St, City, Country

Discover More with Study-Stash

Prepare for an even more enriching journey as we introduce new and exciting features. Stay tuned for what's next!

Connect with us for updates:



How would you like to receive tasks/survey questions from Study-Stash?

Email Address

example@example.com

(We advise using a dedicated and unique email for this purpose.)

Billing Information

Card Number

12** ***** 3456

CVV

*** (CVV)

Expire Date

/ (Expire Date)

Update

Save

Renewal Information

Your renewal will be made on: 19 January 2024

☒ Auto Renewal

Password

AcGo

Administrator User Management and Communication Enhancements:

To ensure efficient user management and streamlined communication, we are implementing the following enhancements for the administrator's capabilities:

1. Email Communication:

- Administrators will have the ability to send emails to users for various purposes, including important updates, notifications, and more.
- Email addresses such as `info@study-stash.com` and `no-reply@study-stash.com` will be readily available for sending communications.
- Our system will accommodate additional email addresses as required for different communication scenarios.

2. Customized Email Sending:

- Administrators will have the flexibility to choose how they send emails to users, ensuring a tailored and efficient approach to communication.

3. Recipient Selection:

- Administrators can choose recipients based on different criteria, such as User, Course, Subscription Plan, or Newsletter Subscribers.

4. Sender Display Name:

- Admins can determine how the sender's name appears in recipients' inboxes. Emails will be sent from info@study-stash.com, maintaining a professional and consistent brand image.

5. Membership Payment Tracking:

- The admin dashboard will provide comprehensive insights into which users have paid for their memberships and who is yet to complete the payment process.

6. User Account Management:

- Admins will be able to deactivate or activate user accounts as needed, providing control over user access.

These enhancements will empower administrators with efficient user communication tools and comprehensive user management capabilities.

As we continue to refine and expand our platform, these features will evolve to meet the growing needs of our system and user base.

Conclusion

I want you to know that you have complete freedom to edit, modify, and enhance the source code I've provided. If you feel the need to include any additional technologies that are not originally listed, please go ahead – the ultimate goal is to successfully complete the project.

I appreciate your dedication and effort in ensuring that this project achieves a successful outcome. Your expertise and creativity are valued, and I trust your judgment in making the necessary improvements.

I'm available and reachable online from Monday to Saturday between 06:00 AM and 08:00 PM (0600HRS - 200HRS). If you require any information or assistance, please don't hesitate to reach out to me via email at hanswithtech@gmail.com.

Feel free to contact me whenever you need.

Best regards,

Hans Luther

Newsletter Communication Enhancement:

- We are implementing a robust system to streamline newsletter communication. This will empower administrators with the ability to effectively send emails to users who have subscribed to the newsletter.
- Newsletter Email Sending:
 - Administrators will have a dedicated feature to send emails to all users who have subscribed to the newsletter.
- Efficient Communication:
 - This functionality ensures that important updates, announcements, and information can be disseminated efficiently to a targeted audience.
- Administrator Control:
 - Admins will have full control over the content, scheduling, and recipients of these newsletter emails.
- User-Centric Approach:
 - The newsletter communication system will contribute to maintaining a strong connection between the platform and its users.
- With these enhancements, we're committed to providing a seamless and effective method for sharing valuable information with our engaged user base.
- Ensure the Student Registration Form incorporates dynamic options for Student Courses, Countries, and Universities. Avoid hardcoding; admin updates should reflect in the form and the "Courses we support" link on "template_workspace."
- Admin access enables updates, ensuring accurate and flexible user choices.