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Topic: Interior design system

Front End: HTML, JSP, Servlets, Bootstrap

Back End: MYSQL

This website allows the user to view different templates and designs for different rooms, select one of those designs and order for the same. User also has an option to enhance or customize the designs by selecting products like curtains, furniture etc. User, at last, can make payment via different payment modes like COD, CC/DC.

Description of Modules

1. **Login Module:** User will be able to login using user id and password after they are finished with the registration process.
2. **User Registration:**
 - Users will be able register themselves with their basic personal like name, address, email id, etc.
 - After this an OTP will be sent to the user's specified email id, which user needs to check and enter the OTP on the website for completing registration process.
3. **Guest User Shopping:**
 - Guest user can view different products on the website but cannot place order for any products.
4. **Registered User Shopping:**
 - User can view different products on the website and also place order for some products.
 - As the user id already registered in our system, he need not enter those details again.
 - They can view the history and transaction of previous orders and payment as well.
 - After the successful completion of the process, a confirmation email will be sent to the user's registered email id.
6. **Payment Facilities:**
 - Payment details like credit card /debit card/e-wallet details will be taken from the user.

- Credit card/debit card details will be checked if they are valid or not.
- From e-wallet, user can add money and pay money, and its history will be viewed to the user.

5. Transaction History:

- Transaction history like the orders which it has placed previously, payment history (credit card/debit card details) will be shown to the user.

6. Service Module:

- This module allows the user to place a service request for any complaints regarding computer or any peripherals.
- The admin will receive the request placed by the user and take necessary actions based on the complaint of the user and notify the same to the user via email.

7. Admin:

- Admin can add products/designs, remove products/designs or alter product's details.
- Admin can check the order details like how many orders are placed for which dates and placed by which users.
- Admin can also view the feedback and suggestions.
- Admin handles all the service requests of different users.

8. Feedback/Suggestion:

- Feedback and suggestions will be taken from the users and submitted to the admin.

9. Forgot Password Module:

- This module is used by the admin or employee to reset the password.
- This is done by sending an OTP to the user's email id which needs to be entered in the application to reset the password.
- Maximum 3 attempts will be given to the user to enter the OTP.

10. Search/Filter Module:

- This module can be used by admin or user to search for various products by applying various filters or orders and many more.

Unique features:

- Use of Bootstrap template to make responsive web pages
- Registration of new users is done by sending an OTP to the entered email id. This helps to authenticate the email id entered by the users.
- Various payment options given to the user like E-Wallet, Credit card/Debit card.

- Use of authentic Credit card/Debit card interface to check its authenticity/validity.
- An email is sent for every activity done by the user on the registered email id to confirm if it was done by the valid user.
- Use of captcha for additional verification.