FFSD Project Report

Title : Build & Beyond
Your One-Stop Home Solution.

Group Members :
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• Prudhvi Sairam (S20230010129)
• Sai Manideep (S20230010195)
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Users and Roles:

1)Admin:
      -The admin primarily oversees website insights and app revenue, focusing on performance metrics and financial growth.

2)Customer:
      -The customer selects and hires professionals to design, build, and customize their building according to their needs and preferences.

3)Platform Administrator:
      -The Platform Administrator manages payment workflows, monitors financial activities, and handles website operations to ensure efficient performance.

4)Professional:
      -The professional joins the platform to offer specialized services like carpentry, architecture, or interior design to customers seeking expertise.

5)Company Administrator:
      -He is the representative of the company who handles the workers of their company and reviews the companies revenue,contracts.

Flowchart:
1)Login/Signup::
      -Page consists of login details along with their selection of their User type(Customer,Professional,Company administrator) and different login pages for Admin and Platform Administrator.
      -In case of sign up, different details will be taken based on their user type(Ex-Professional will need to submit additional information about their field).

2)Role Specific Dashboards:
      -**Admin Dashboard**:Monitor app revenue and financial reports

-**Customer Dashboard**:The Customer's dashboard is designed to help them find and hire professionals.

-**Platform Administrator Dashboard**:Track incoming payments, platform revenue, issues, or disputes related to payments and services,review the documents of individual workers.

-**Professional Dashboard:** Set availability, track earnings for completed projects.Showcase completed projects, images.Monitor ratings and reviews left by customers.

-**Company Administrator Dashboard**:Manages the workers of their company,can request to hire individual workers,can review the documents sent by the joining workers,can participate in **TENDERS**.

3) Feature Pages :
- Browse and book Individual workers/Companies.
- Rating the individual workers/Companies.
-Customizable designs.

4)Payment Gateway :
-To hire a worker/company a minimum amount must be paid by the customer after selection of the person/company.
- Secure payments for service bookings.
- Refund option is available in case of cancellations but with price deductions.

Features:

1. Search and Filter:
-Customers can search for home related employees Eg:Interior designer,Architect hire a company.Can sort based on the ratings and then select to hire.

2. User Registration and Authentication:
-Workers,Company administrators and customers can create accounts securely.
- Authentication mechanisms to protect user data.

3. Communication:
-Secure messaging system for customers to contact service providers.

4. Profile Management:
-Every user can manage they're profile by changing personal data and other data.

5.Review and Rating System:
-Customers can give ratings for Professionals and companies.

6. Customer Service:
-Mechanism to report and handle disputes or inappropriate content.

7. Custom Design Option:

-Some designs are available in the designs section and customer can view and use them as reference while request for custom design

-Here customers can convey their design requirements which can be seen by related professionals and contact the customer.

8. Tenders:

-For large projects Customers can submit **TENDERS** with detailed descriptions such as Land size,deadline etc…

-Companies can see these **TENDERS** and place their amount.

9. Previous works & Projects:

-Workers and companies can show their previous projects which will be visible to the customers.

Forms :

1. Login Form :

- Email and Password
- change password option

2. Signup Form :

- Basic Information
- Role selection with additional fields based on role

3. Profile Update Form :

- updates Profile Details.

4. Report an issue:Complications or related filling form.

Pages :
1. HomePage :

- Overview of platform features.
- Displays the Roles to select.

2. Login Page:

- User authentication.

3)Signup Page :

-Different user registrations corresponding to their fields.

4)Admin Dashboard :

-sees overview and insights of app.

5)Customer Dashboard:

- list of services available to browse.

6)Professionals Dashboard:
  - Upcoming works, ratings, earnings, work history.
7)Platform Administrator Dashboard:
  -Revenue of the company, Issues reported by the Customers.

8)Profile Management Page:
   - Update personal and role-specific details.

9)Payment Gateway Page:
   - Secure checkout for transactions.

ROLES:
1. Krishna Kumar (S20230010127)
  • Backend: Users and Roles (Admin, Customer, Platform Administrator).
  • Frontend: Feature Pages (Browse and book individual workers/companies, rating system,statistical earnings analysis).
  • Database: Managing user role permissions and data flow.
2. Prudhvi Sairam (S20230010129)
  • Backend: Users and Roles (Professional and Company Administrator), Tenders & Previous works.
  • Frontend: Forms (Report an Issue, Profile Update Form), Dashboard UI design.
  • Database: Handling storage for tenders and professional work history.
3. Sai Manideep (S20230010195)
  • Backend: Flowchart (Login/Signup logic, role-specific dashboard logic), Customer
  Professional interactions.
  • Frontend: Customer and Professional Dashboard UI, Forms (Login and Signup Forms).
  • Database: User authentication and data structure for dashboard information.
4. Yeshwanth (S20230010111)
  • Backend: Features (Search and Filter, User Registration and Authentication, Communication), Payment Gateway logic.
  • Frontend: Payment Gateway UI, Profile Management Page.
  • Database: Transactions, secure payments, and refund policies.
5. Avinash Reddy (S20230010187)
  • Backend: Features (Profile Management, Review & Rating System, Customer Service,Custom Design Option).
  • Frontend: Pages (Home Page, Login Page, Signup Page, Admin Dashboard, Customer
  Dashboard, Professional Dashboard, Platform Administrator Dashboard).
  • Database: Managing reviews, customer feedback, and profile-related data.