SkillBridge: A Student Talent Marketplace Platform

Abstract

**SkillBridge** is a student talent marketplace platform developed to connect skilled students with potential clients within and beyond their academic institutions. The platform addresses the growing need for a structured system that allows students to showcase and monetize their creative and technical abilities—such as graphic designing, photography, programming, and baking—while gaining real-world experience. Traditional systems lack such dedicated environments, leaving talented students with limited visibility and income opportunities. SkillBridge bridges this gap by creating a secure, organized, and campus-oriented freelancing ecosystem.

The system consists of three main modules—**Admin**, **Service Provider (Student)**, and **User (Client)**—each with specific functionalities. The **Admin module** manages the overall platform by verifying services, monitoring users, handling complaints, and maintaining system integrity. The **Service Provider module** enables students to register, manage their portfolios, view and update client requests, set pricing, chat with clients, and view feedback and ratings. The **User module** allows clients to register, browse and request services, communicate with students, track request status, make payments, and provide feedback or complaints.

**Existing System:**

In the existing scenario, students who possess creative or technical skills often depend on informal and unstructured methods to find clients—such as social media platforms, personal contacts, or word-of-mouth. These approaches lack reliability, proper verification, and a secure payment process. Clients also face challenges in identifying genuine and skilled students within the campus community. There is no centralized system to manage service listings, communication, or feedback between students and clients. As a result, many students are unable to showcase their abilities effectively or earn from their skills, leading to missed opportunities for both students and potential clients.

**Proposed System:**

The proposed system, **SkillBridge**, introduces a structured and secure digital platform designed exclusively for students to showcase their talents and connect with clients. The platform provides a dedicated environment where students can register as service providers, list their skills, manage requests, and communicate directly with users through an integrated chat feature. Clients, on the other hand, can easily browse services, make bookings, view status updates, and provide feedback and ratings after completion.

**Modules:**

**Admin:**

* Login
* Verify Service
* Block / Unblock Service
* View Users
* Block / Unblock Users
* View Service rating
* View complaint & send reply

**Service:**

* Registration
* Login
* Manage works
* View User requests
* Update request status
* Chat with User
* Update Price
* View feedback & rating
* Send complaint & view reply

**User:**

* Registration
* Login
* View product & request
* Chat
* View request status & make payment
* Send feedback & rating
* Send Complaint & view reply

### **Hardware and Software Requirement**

The following requirements are only the minimal requirements to run this utility more successfully and efficiently, there should be sufficient memory and software tools for efficient processing.

### **Hardware Environment**

Processor : Intel i3 or above

Hard disk : 512 GB and above

RAM : 4 GB or above

### **Software Environment**

OS : Windows 8 or above

Front End : Html, CSS, Bootstrap, JavaScript, Dart(Flutter)

Back End : Python Django,

Database : MySQL

IDE : Android Studio /Jet BrainsPycharm