
Profiles Application

A small marketplace like, application for small business owners to login and post about the services they offer.

Core Features

User Authentication (Signup/Login) – Each business owner will have unique credentials.

Profile Management – Users can set up their profile, including name, contact details, and services.

Service Listings – Users can upload images, add descriptions, and set prices for their services.

Search & Filters – Customers can browse services by category, price, or location.

Contact & Booking – Customers can contact the business owners directly.

Tech Stack

- Frontend: React (for UI) + Tailwind CSS (for styling)
- Backend: Django REST Framework (full-featured)
- Database: Supabase (PostgreSQL)
- Authentication: Firebase Auth or Supabase Auth
- Hosting: Vercel / Netlify (Frontend), Supabase (Backend)

Business Rules for Profiles Application

1. A business owner can have one or more service listings. Each service listing belongs to exactly one business owner.
2. Each service listing must belong to one category. A category can have multiple service listings.
3. A service listing must have at least one image. Each image belongs to exactly one service listing.
4. A customer can view multiple service listings. A service listing can be viewed by multiple customers.
5. A customer can leave one or more reviews for a service listing. A review belongs to exactly one service listing. A review belongs to exactly one customer.
6. A business owner can update or delete only their own service listings.
7. A customer can contact a business owner through the provided contact details.
8. A customer can bookmark multiple service listings. A service listing can be bookmarked by multiple customers.
9. An admin can deactivate or delete a service listing if it violates platform rules.
10. Each user must have a unique account. A user can be a business owner, customer, or admin. A business owner can also act as a customer.
11. A service listing must have a title, description, price, and contact details.
12. A service listing must have a created_at and updated_at timestamp.