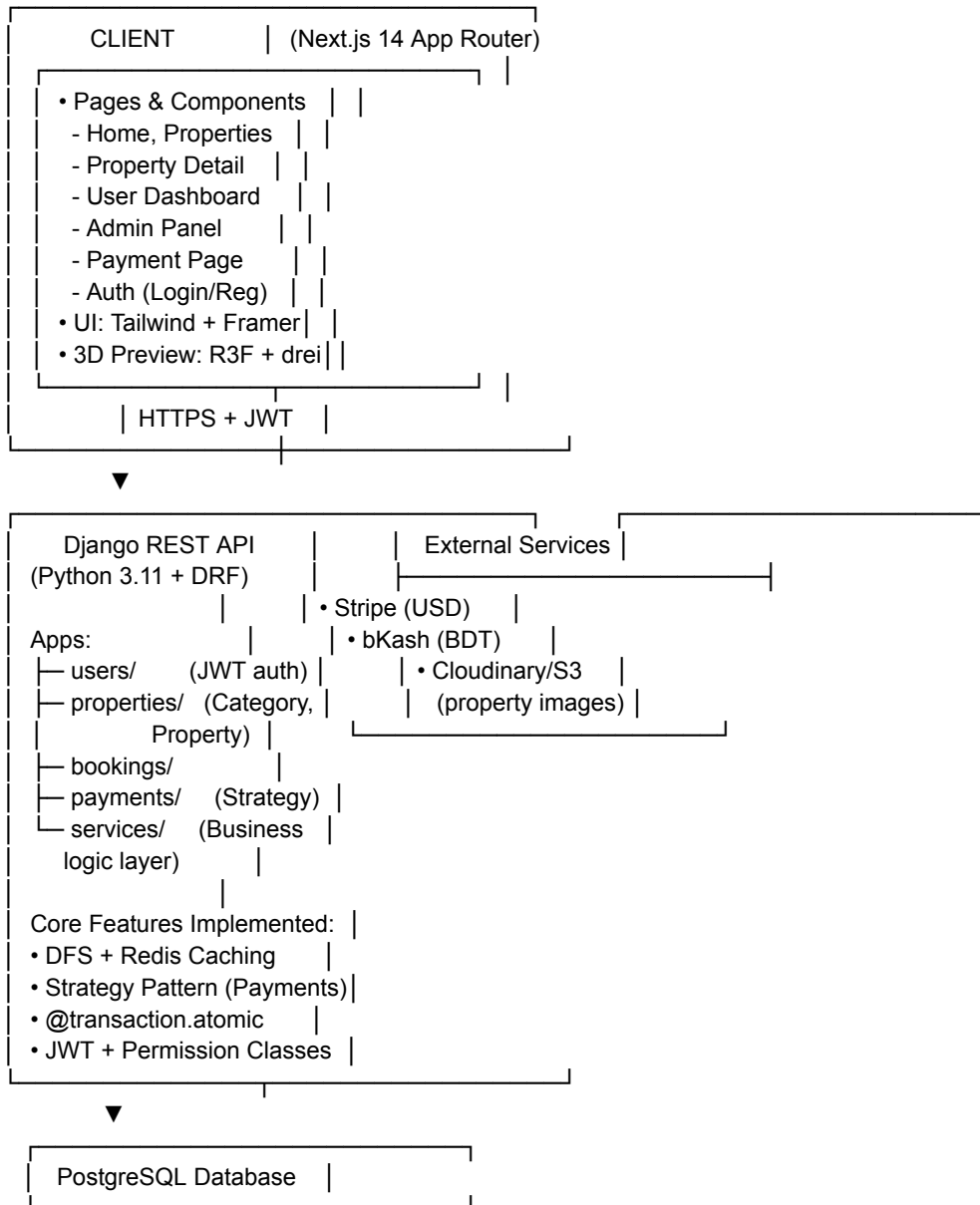
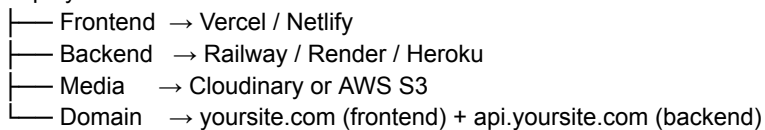


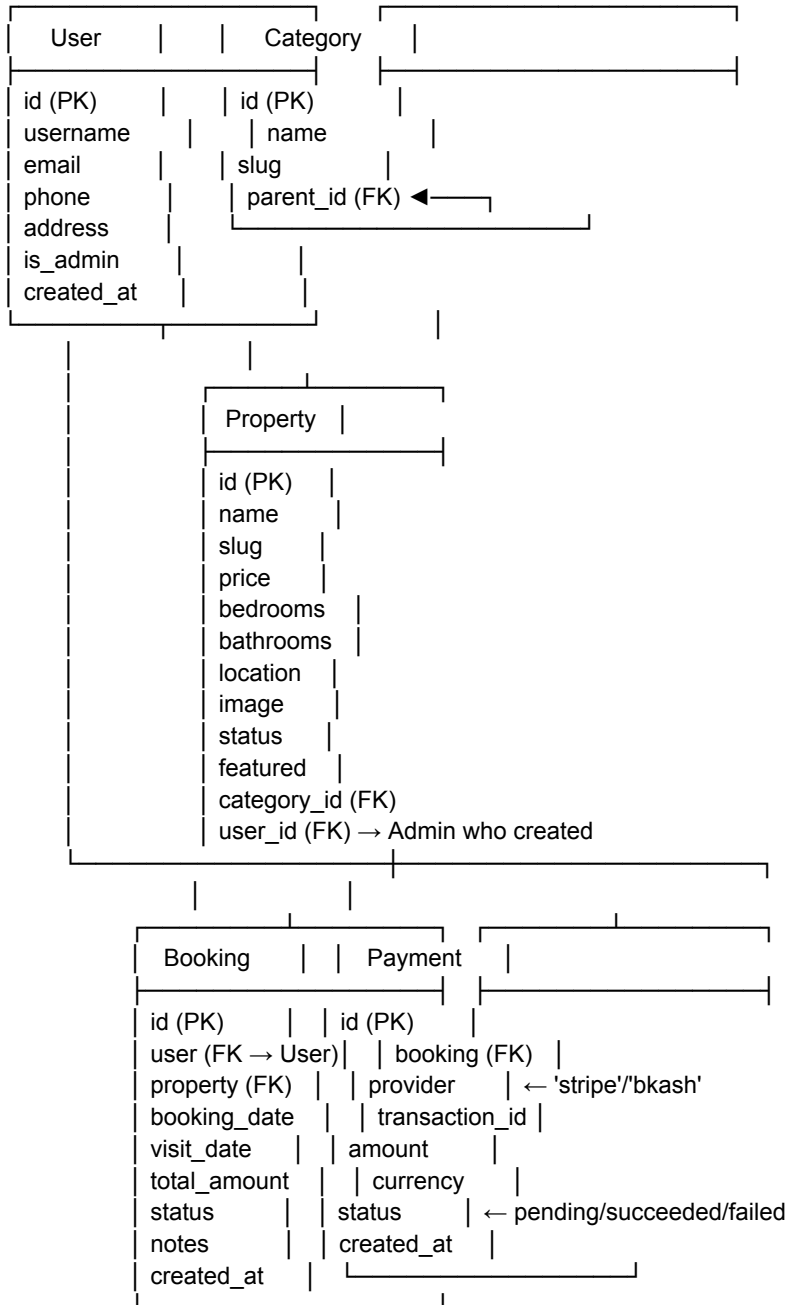
System Architecture



Deployment Flow



ERD

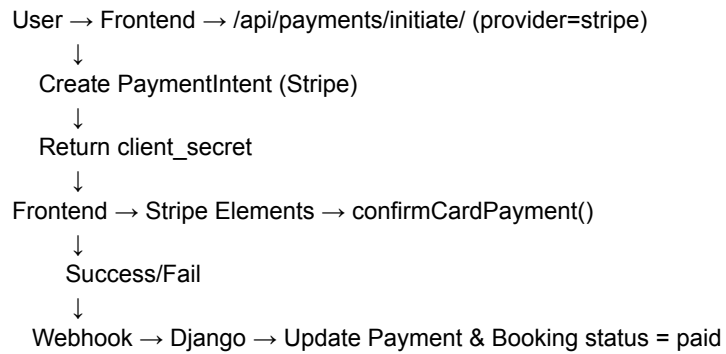


API Documentation – Swagger / Postman Ready (Main Endpoints)

| Method | Endpoint | Auth | Description |
|--------------|---|-----------|------------------------------|
| POST | /api/users/ | Public | Register |
| POST | /api/users/login/ | Public | Login → JWT |
| GET | /api/users/me/ | JWT | Profile |
| GET | /api/properties/ | Public | List + filter |
| GET | /api/properties/{slug}/ | Public | Property detail |
| GET | /api/properties/{slug}/recommendations/ | Public | DFS-based recommendations |
| POST | /api/properties/ | Admin | Create property |
| PATCH/DELETE | /api/properties/{slug}/ | Admin | Update/Delete |
| GET | /api/bookings/ | JWT | My bookings |
| POST | /api/bookings/ | JWT | Create booking |
| PATCH | /api/bookings/{id}/ | JWT/Admin | Cancel / Admin update status |
| POST | /api/payments/initiate/ | JWT | Start payment (stripe/bkash) |
| POST | /api/payments/webhook/stripe/ | Public | Stripe webhook |
| POST | /api/payments/webhook/bkash/ | Public | bKash webhook |

Stripe Payment Flow

Payment Flow Diagrams (Both Stripe & bKash)



bKash Payment Flow

