**Payment and Subscription Management**

**1. Payment and Subscription Management**

* **Payment Processing Integration**:
  + Use a trusted payment gateway (e.g., Stripe, PayPal, or a secure provider that handles GBP transactions) to process the £30 payments. Ensure the gateway supports recurring billing or subscriptions if future flexibility is needed.
  + subscription fee changeable in Admin Panel For all users
* **Payment Confirmation and Receipt Generation**:
  + Generate a payment confirmation email with an attached PDF invoice immediately upon successful payment. This PDF should be downloadable and printable directly from the financial page on the user profile.
* **Invoice Customization**:
  + Include details like the user's name, transaction ID, date, amount, VAT (if applicable), and a summary of services in each invoice.
  + Display a download and print button for each invoice to simplify user access.

**2. Countdown and Renewal Notifications**

* **Countdown Timer for Remaining Days**:
  + Show a countdown bar or timer indicating the exact number of days left before the robot service ends.
  + Display this information on the user’s dashboard or financial page for easy visibility.
* **10-Day Renewal Notification**:
  + Send an automated reminder email and add a notification to the user’s profile, prompting them to renew.
  + Include a simple "Renew Now" button in the email and on the financial page to streamline the process.

**3. Financial History and Detailed Statements**

* **Transaction History Table**:
  + List all past payments with columns for:
    - **Date** of transaction.
    - **Amount Paid**.
    - **Transaction ID** for tracking.
    - **Service Period** (start and end dates).
    - **Payment Status** (e.g., Completed, Pending, Failed).
* **Detailed Financial Statements** (optional):
  + Allow users to generate a full financial statement covering a custom date range, summarizing all transactions, with a total spent amount for that period.

**4. User-Driven Actions for Flexibility**

* **Pause/Resume Robot Job**:
  + Give users the option to pause the robot job, potentially extending the service end date without additional cost.
  + Show a pause status in the profile and a prompt to resume or cancel based on the user's choice.
* **Upgrade Option (for Future Expansion)**:
  + Consider an upgrade option for additional features (e.g., a higher-tier service with priority applications) to accommodate more user needs down the line.

**5. Finance Admin Dashboard Features**

* **User Subscription Management**:
  + Display all users with active or expired subscriptions, their current service periods, and whether they’ve opted to renew.
* **Automated Reporting**:
  + Create periodic financial reports summarizing user payments, total revenue, and subscription renewals to track business performance.
  + Enable filtering by transaction dates, user ID, or other relevant fields to facilitate reporting and reconciliation.
* **Failed Payments Management**:
  + If a payment fails, notify both the user and the finance admin with retry options and details on what needs correction (e.g., card information).

The discount code feature

**1. Discount Code Field on Billing Page**

* **Discount Code Input**:
  + Add a field on the billing page where users can enter a discount code before proceeding to payment.
  + Upon entry, validate the code against existing codes in the database and calculate the discounted amount if valid.
* **Real-Time Price Adjustment**:
  + If the code is valid, show the discounted price immediately to the user before confirming payment.
  + Display an error message for expired or invalid codes.

**2. Admin Panel for Managing Discount Codes**

* **Discount Code Creation**:
  + Allow admins to create new discount codes with fields for:
    - **Code Value** (e.g., “WELCOME10”).
    - **Discount Amount** (e.g., £10 or a percentage, like 10%).
    - **Usage Limit** (set to “1” for single use by one user).
    - **Expiration Date** (optional field to set code validity).
* **Code Assignment and Notification**:
  + After creating a code, assign it to a user by linking the code to their profile in the admin panel.
  + Enable an option to notify the user via email with the code, along with instructions on how to use it.

**3. Single-Use Discount Validation**

* **Database Structure**:
  + Store each code with a flag or field indicating whether it has been used and by which user.
  + Ensure the code is set to inactive after use to prevent any other user from using it.
* **Automatic Deletion or Archiving**:
  + Once used, remove the code from the list of active codes or mark it as used in the database for record-keeping.

**4. User Profile and Ticket Notification**

* **Ticket System for Code Delivery**:
  + When a code is assigned to a user, create a ticket message in the user profile with the code details.
  + The user receives an email alerting them that a discount code has been issued, directing them to the ticket message.

**5. Admin Notification and Monitoring**

* **Used Codes Dashboard**:
  + Provide an admin view to monitor which codes have been redeemed, by whom, and the discount applied.
* **Automated Notifications for Expiry** (Optional):
  + Notify the admin when codes near expiration to allow re-evaluation of marketing efforts or code recycling.