Closer Document: Number Five Club Version 1

Summary

The **Number Five Club** project focuses on creating a user-friendly platform with a mobile app, admin dashboard, and responsive website using **React Native**, **Next.js**, **MongoDB**, and **Firebase**. Key objectives include seamless membership registration and event booking with integrated Stripe payments, efficient event and user management, and a dynamic user registration experience.

The project features a mobile app for managing memberships, an admin dashboard for overseeing operations, and a website for user interaction. Key achievements include the successful launch of the mobile app and website, secure payment integration, and improved operational efficiency through a comprehensive admin dashboard. The project has been approved and closed, meeting all specified deliverables.

Overview

- **Project Title**: Number Five Club
- **Version**: 1
- **Project End Date**: Oct 2, 2024
- **Team Member**: Zane Stokes, Matt Allen, Antony Austin, Kendrick Ferguson, Steve John.
- **Stack**: React Native, Nextjs, MongoDB, Firebase.
- **Language**: JavaScript.
- **Objectives**: To develop a seamless and user-friendly platform for the Number Five Club, including a mobile app with integrated Stripe payment, an admin dashboard for efficient management, and a responsive website with dynamic user registration, enhancing the overall member experience and operational efficiency.

App & Credential

- **Website**: https://numberfiveclub.com/admin
  Username : admin
  Password :)KzX&@KOF&xTSI6kWJTr!QSB
- **Admin Dashboard**: https://dashboard.numberfiveclub.com/
  Username : admin
  Password :)KzX&@KOF&xTSI6kWJTr!QSB
- **Mobile Application (Ios & Android)**:
  Username : renie_morain68
  Password : 12345678
- **Play Store Link**
  - ▶ Number Five Club - Apps on Google Play
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- **App Store Link**
  - Ⓐ Number Five Club

Features List

Mobile App:

- User-friendly interface for membership, registration and event booking.
- **Dual Registration Options**: Users can choose between convenient **online registration** for flexibility and speed, or **in-person registration** for personalized assistance and immediate support.
- Stripe payment gateway integration for secure transactions.
- Membership management options (upgrade/downgrade, renewals).
- **Profile Update Option**: Users can easily **update their profile** directly within the app, allowing them to modify personal details.
- **Contact Us Feature**: Users can submit inquiries through the **Contact Us** option in the app by providing a **subject** and **message**. These submissions are sent to the admin, who can respond directly via email, ensuring efficient communication and support.
- **Tiered Membership Unlocking**: **Executive** membership is unlocked after users have completed **180 days** as a **Premium** member, and **Elite** membership is unlocked after users have completed **180 days** as an **Executive** member, rewarding long-term commitment with

access to higher membership tiers.

- **Event Booking Confirmation**: After booking an event, users can **download** their event ticket directly from the app and will also receive a **confirmation email** with the ticket, ensuring seamless access and a record of their booking.
- Digital membership card with tier-based color coding.
- QR scanner for quick event check-in.
- Notifications for events and updates.

Admin Dashboard:

- Event management (add, edit, delete events).
- User management and membership tracking.
- Notification system (email).
- Elite member and package management.
- Help center to manage user queries.
- Dark and bright mode options.

Website:

- website with dynamic registration form.
- Stripe payment gateway for membership sign-ups.
- Event listings and booking system.
- Contact form for user inquiries.

Achievement List

1. **Seamless Mobile App Development**

   Successfully developed and launched a mobile app with an intuitive interface, allowing users to easily register, manage memberships, and book events.

2. **Secure Stripe Payment Integration**

   Integrated Stripe payment gateway into both the mobile app and website, ensuring secure, efficient, and reliable transactions for memberships and event bookings.

3. **Admin Dashboard for Efficient Management**

   Created a comprehensive admin dashboard, enabling streamlined management of events, users, elite memberships, and notifications, improving overall administrative efficiency.

4. **Responsive Website with Dynamic Features**

   Designed and deployed a responsive website with a dynamic registration form, allowing users to register and pay for memberships directly on the website.

5. **Improved User Experience**

   Enhanced user experience through features like digital membership cards, personalized notifications, and quick event check-ins via QR code scanning.

6. **Enhanced Membership Options**

   Successfully implemented a membership management system that allows users to upgrade, downgrade, or renew their memberships easily through the mobile app.

7. **Effective Notification Syste**

   Deployed a notification system (email) to keep users updated on events, bookings, and membership-related activities.

8. **Operational Efficiency Boost**

   The platform significantly improved operational efficiency by automating membership tracking, event management, and user communications through a centralized dashboard.

Detailed Features:

Mobile Application

1. Login & Signup:

- Members can log in using either their username or membership ID.

Signup Process:

- **Signup Statement:** "Register to Become a Member."
- **Step-by-step Registration Process:**
  a. **Tap "Become a Member"**
  b. **Choose Registration Type:**
     - In-person
     - Online
  c. **Choose Registration Type:**
     - Single
     - Couple
  d. **Registration Form:**
     - The form varies based on the type selected in step 2.
     - **Form Fields:**
       - Gender (Dropdown): Male, Female.
       - firstName & lastName (Text Field)
       - Image.
       - Available Date.
       - Time
       - Date of Birth (Calendar)
       - Email (Text Field)
       - Phone (Formatted Text Field)
       - Address (Text Field)
       - Occupation (Text Field)
       - Tell us where you'd like our agent to meet you.
  e. **Approval Process:**
     - In-person

       After submitting registration form, agent will contact to the member and meet him/her in the given available time & date.
     - Online

       After submitting registration form, members must wait for admin approval before access is granted after admin approval an email will to the member along with membership id, username & password
  f. **Forget Password:**
     - After submitting email, the verification code will be sent to his/her email.
     - After confirming the verification code member will be allow to change new password.

2. Membership Types and Benefits

Pay-As-You-Go (Default Membership)

- **Day Passes Available For:**
  - Male
  - Female
  - Couple
- **Day Pass Types:**
  - **Regular Day Pass**: Entry Only.
  - **Premium Day Pass**: Drink Inclusive .
- **Loyalty Benefit:**
  - After 5 visits, members earn 1 free visit (based on their type of day passes):
    - Regular Day Pass → Free Regular Day Pass.
    - Premium Day Pass → Free Premium Day Pass.
    - Mixed Day Passes → Free Regular Day Pass.

Regular Member

- Available for Male, Female, or Couple.
- **Benefits:**
  - 6 Regular Day Passes per month (from date to date).
  - 1 complimentary drink per visit.
  - Can bring 1 approved non-member guest per month (must fill out guest form with national ID details).
  - Non-members can only visit once in a lifetime as a guest; further visits require membership.

Premium Member

- Available for Male, Female, or Couple.
- **Benefits:**
  - 12 Premium Day Passes per month.
  - 8 complimentary drinks per visit.
  - Can bring up to 6 approved non-member guests per month.
  - 1 Free Towel, 1 Free Masqe.
  - Non-members get 1 complimentary drink during visits also can purchase drink pass.

Executive Member

- Available for Male, Female, or Couple.
- **Benefits:**
  - 18 Premium Day Passes per month.
  - Unlimited complimentary drinks per visit.
  - Can bring up to 12 approved non-member guests per month.
  - Access to executive rooms, invitation to special private events, Companionship matchup personal agent for tailored service.
  - Complimentary services: Car wash, Robe or Towel, Masqe, 1 Manicure or Pedicure per month.

Elite Member

- Available for Male, Female, or Couple.
- **Benefits:**
  - Unlimited Day Passes per month.
  - Unlimited complimentary drinks per visit.

- Unlimited approved non-member guests per month.
- Access to elite rooms, invitation to special private events, Companionship matchup personal agent for tailored service.
- Complimentary services: Drink to guest, Car wash, Robe or Towel, Masqe, 1 Manicure or Pedicure per month.

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3. Homepage

Homepage Sections:

- **Today's Event** and **Upcoming Events**
- **Upcoming Events** appear on **Calendar.**
- When a user clicks "Book Now":
    - The "About Event" bottom sheet shows event details.
    - Users select their preferred payment option.
    - After booking, users select their arrival time through a popup.

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4. Member Profile Screen

Profile Options:

- **Renew Membership:** Option to upgrade or downgrade membership types (Pay As You Go → Regular/Premium/Executive, and vice versa).
- **Access To Executive Membership:** Member can access to executive membership only when member has spent six month as a premium member.
- **Invitation To Elite Membership:** Member will be invited to elite membership only when member has spent six month as a executive member.

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5. Payment Option Screen

Ticket Screen Layout:

- Fields:
    - Name
    - Number of guests
    - Membership Type (Dropdown with types)
    - Booking Type (Dropdown for different passes: Regular, Premium, Executive)
    - Date (Pre-populated)
    - Arrival Time (Time Field)
    - Amount
    - Event Name
    - Event Time
- **Guest Details:**
    - Name, National ID Picture, Email, Number
    - Guest will receive an email with their ticket.

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6. Guest Passes and Add-ons

Guest Passes:

- No free drinks, towels, or masques included, but they can purchase these add-ons.

Add-ons for Regular Day Pass and Memberships:

- Option to purchase extra services:
  - Drinks, Robes, Towels, Masques.

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7. Digital Membership Card

Digital Card Features:

- Club logo
- Member's Name
- Membership Type
- Card Number
- Membership Number
- Membership Expiry
- Visits
- Guest Visits Left

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8. Navigation

Bottom Navigation Bar:

- Includes a QR scanner option for members to scan for entry or event access.

Stripe Payment Gateway Integration:

- **Integration**: Stripe payment gateway will be integrated to handle all payment transactions within the mobile app.
- **Payment Flow**:
  a. User selects membership or event and clicks "Book Now."
  b. On the payment screen, Stripe will handle:
    - Card payments (Credit/Debit)
    - Saved payment methods for existing users
  c. Upon successful payment, a confirmation screen will appear, and the user will receive an email notification.
  d. Payments will automatically be linked to the user's account and reflect on their profile and purchase history.
- **Security**: All payments are encrypted and secured using Stripe's built-in security features (PCI-DSS compliance).

Admin Dashboard:

1. **Event Management:**
   - Add/Edit/Delete Events.
   - Set event details: title, description, date, time, venue, pricing, and images.
   - View a list of all upcoming, current, and past events.
   - Manage bookings and attendee lists for events.
2. **User Management:**
   - View and manage all users (Regular, Premium, Executive members).

- Track user activity, membership status, and payments.
- Edit user details, suspend or reactivate accounts.

3. **Membership & Package Management:**
   - Manage Elite members and their exclusive privileges.
   - Add/Edit/Delete membership packages (Regular, Premium, Executive).
   - Set pricing, benefits, and duration for each package.

4. **Help Center & Queries:**
   - View, manage, and respond to user queries submitted via the Help Center.
   - Filter queries based on type (technical issues, membership questions, etc.).

5. **Notifications:**
   - Send bulk notifications to users via dashboard.
   - Notifications can be event reminders, membership updates, or new offers.

6. **Account Management:**
   - **Personal Info & Account Settings:** Admins can manage their personal details, update passwords, and set preferences.
   - **Theme Toggle:** Option to switch between Dark Mode and Bright Mode for personalized dashboard aesthetics.

Website:

1. **Home Page:**
   - Overview of the Number Five Club's mission and offerings.
   - Highlights of membership benefits and upcoming events.
   - Call-to-action buttons for registration and event bookings.

2. **Packages Page:**
   - Detailed descriptions of available membership packages (Pay As You Go, Regular, Premium, Executive, Elite).
   - Side-by-side comparison of benefits and pricing.
   - Links to sign up or upgrade membership with integrated Stripe payment option.

3. **About Us Page:**
   - Information about the club's history, mission, and values.
   - Introduction to the services and exclusive offerings of the club.
   - Testimonials and success stories from existing members.

4. **Registration Page:**
   - Dynamic registration form allowing users to sign up for different membership tiers.
   - Secure Stripe payment integration for membership sign-up.
   - Confirmation page upon successful registration, with email notification.

5. **Contact Page:**
   - Contact form for user inquiries or support requests.
   - Display of club location, phone number, and email for direct communication.
   - Embedded map for easy navigation to the club location.

6. **Stripe Payment Gateway Integration:**
   - **Website Payment Flow**:
     - User fills out the registration form.
     - Stripe is triggered upon submission for seamless, secure payment.
     - Supports one-time payments and recurring payments for memberships.
   - **Payment Options**:
     - Credit/Debit cards.
     - Saved payment methods for returning users.

Summary of Updates:

Mobile App:

- Stripe Payment Gateway integrated for membership, day passes, and event bookings.

Admin Dashboard:

- Comprehensive dashboard for managing events, users, elite members, packages, notifications, and queries.
- Dark and Bright mode options for a personalized admin experience.

Website:

- website with dynamic registration form and Stripe payment integration for memberships.

Project Closure Approval

- **Prepared by**: Britechx Digital
- **Reviewed and Approved by**: Jerry Mcallister
- **Approval**: _____
- **Date**: _____

NOC Clause

No Objection Certificate (NOC)

This is to certify that the project **Number Five Club Version 1** has been successfully completed as per the specifications outlined in the project document. The undersigned parties have reviewed the project deliverables and are satisfied with the work done.

Approval:

1. **Prepared by:** Britechx Digital
   Signature: _____
   Date: _____
2. **Reviewed and Approved by:** _____
   Signature: _____
   Date: _____

By signing below, both parties acknowledge that they have no objections to the completion of the project and its deliverables.