# Planora: The future of event planning.

# 2. Project Features Overview

### **Users**

#### Event Planners:

- Sign up and authenticate (email, Google, Apple, phone)
- o Create event using Al-driven Q&A wizard
- Design custom event invitation card (via AI or templates)
- o Add event details: location, dress code, memo, event time
- Set pro tier payments (via cards, transfer, OPay, etc.)
- Share invitation via link, QR code, or email

#### Attendees:

- o Join via invite link or scan QR code
- View event details and dress code
- Register and receive unique entry QR/barcode
- o Get confirmation mail or SMS
- Scan barcode at venue for check-in

# **☑** 3. **②** Al Integration (Free/Low-Cost APIs)

### Al Features:

- Conversational Wizard for Event Creation
- Invitation Design Suggestions
- Memo Drafts (event schedule, thank-you notes, etc.)

### Free Al APIs You Can Use:

Google Gemini API (Free Tier available):

- o Conversational prompts with context memory
- Good for Q&A-based event setup
- Great at structured document generation (e.g., invitations)
- OpenRouter (for Claude, Mistral, Mixtral):
  - o Supports multiple models with generous free tiers
  - Integrate easily for prompts with little setup
- Vercel AI SDK:
  - Makes streaming Al responses into Next.js super simple
- Stability Al for Image Generation (optional):
  - o Can be used to create event banners or cover images

## ✓ 4. Full Stack Technology Suggestion

#### **Frontend:**

- Next.js 14 (App Router) + TypeScript
- Tailwind CSS (for sleek responsive UI)
- Shadon/ui or Radix UI for components
- Framer Motion for animations

#### **Backend:**

- Node.js API routes / Next.js API / Django (optional alternative)
- Firebase Auth or Supabase Auth (for Google, Apple, phone/email)
- Firestore or Supabase DB (event, user, attendance data)
- Stripe / Paystack / Flutterwave (for payments)

#### Others:

- QRCode.react / qr-image (generate QR codes)
- **Barcode library like bwip-js** (render barcode image)
- Nodemailer for sending invitation emails
- Cloudinary / Supabase Storage (for storing images)

## **✓** 5. **🕅** Authentication

- Firebase Auth or Supabase with options:
  - o Google
  - o Apple
  - o Phone number
  - o Email/Password

### During sign-up:

- Ask: "Are you registering as an event planner or attendee?"
- Based on role, redirect to:
  - /dashboard/planner or /dashboard/attendee

## ✓ 6. ■ Payments

- Free for attendees
- **Pro** event planners required to:
  - Make one-time payment (via account transfer, Paystack, Flutterwave, Opay, or cards)
  - o Upon payment, unlock "Create Event" button

## ✓ 7. ☐ Flow Summary

### **\*\*** For Event Planners:

- 1. Sign up → Select role: "Planner"
- 2. Al asks structured questions (event name, theme, location, etc.)
- 3. Al designs an invite card or memo based on answers
- 4. Planner reviews & publishes event
- 5. QR/link/email invitations are generated
- 6. Can view & download guest list + stats

### For Attendees:

- 1. Receive invite (QR or link)
- 2. Sign in or register
- 3. View event page: details, dress code, memo
- 4. Accept & get unique barcode
- 5. Use barcode for venue access