Project Requirement Document – Developer Connect MVP (Final + Packages & Pricing)

Goal

Subscription-based platform where clients post projects and connect with **verified developers**. Platform **does not charge commission**; agreements are made directly between client & developer.

User Roles

1. Client

- Signup/Login via **Email, Phone Number, Google**
- **Free Trial**: Post 1 project free
- Subscription Packages (monthly recurring, editable by Admin):

Package	Price (USD)	Projects/Month	Contact Clicks/Project	Notes
Basic	19.99	5	3	Starter plan
Standard	39.99	15	5	Popular
Premium	99.99	Unlimited	Unlimited	Priority developers

- Payments via **PayPal, Razorpay, Stripe** (recurring subscription)
- **Pricing Page**: ChatGPT-style UI
    - Visually highlights popular package
    - Each package shows features clearly
    - Built to support **future multicurrency** (currently USD, later INR or others)
- Project Posting:
    - Select **Skills Required** (AI, Full Stack, Project Manager, etc.)
    - Backend selects developers using **rotation logic** for fair distribution
    - Developers grouped: **Expert / Mid / Fresher**
    - **Developer contact (WhatsApp/Email)** hidden until client clicks "Reveal Contact"
    - Each click logged and counted against subscription limit
- Disclaimer popup & Terms (shown when posting project / revealing contact):

    > "We do not charge any project fees. Please clarify terms directly with the developer. You may optionally upload a signed agreement for record."

- After project → client prompted to **leave review**

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2. Developer

- Signup/Login via Email/Phone/Google
- Must **upload verification proof** → Admin approval required
- Profile page: Photo, Bio, Experience, Skills, LinkedIn, Portfolio
- WhatsApp number mandatory
- Accept/Reject project requests via **WhatsApp Business API**:
    - Notification sent on project

- 15-min response window → auto-assigns next developer if no reply
- After project → can **post review on client**
- Reviews displayed on profile

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3. Admin

- Dashboard: Active Clients, Developers, Projects, Revenue
- Manage **Packages** (create/edit/delete)
- Approve/Reject developers
- Activate/Deactivate clients or developers
- Track client contact clicks per project & subscription limits
- Track **WhatsApp notifications & response logs**
- Manage Reviews (approve/remove spam)
- Support system for clients

Core Features

- **Auth**: JWT + Google + Phone OTP
- **Free trial**: 1 project for new clients
- **Subscription packages**: 3-tier (Basic, Standard, Premium) with contact click limits
- **Project Posting** → Skills matching + rotation logic for fair developer assignment
- **Developer Verification** → Admin approval + email notification
- **Contact Reveal** → only after developer accepts, logs & limit tracking
- **WhatsApp Business API** → 15-min auto-rotation for project assignment
- **Review System** → both client & developer can post reviews
- **Agreement Disclaimer** → popup + optional file upload for mutual agreements
- **Pricing Page**: ChatGPT-style, multicurrency-ready, visually highlights popular plan
- **Admin Panel** → manage users, subscriptions, packages, projects, logs

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Tech Stack

- Frontend: React + TailwindCSS
- Backend: Node.js (Express) + REST API
- Database: MongoDB Atlas
- Payments: PayPal + Razorpay + Stripe (Subscriptions)
- Auth: JWT + Google + Phone OTP
- Notifications: WhatsApp Business API, Email (SendGrid/NodeMailer)
- Hosting: Vercel/Netlify (Frontend), Render/Railway (Backend)

Backend Project Assignment Logic (Pseudo-code) (just for reference)

```
function assignProject(project) {
  let developers = findDevelopersBySkill(project.skill);
```

```
  let sortedGroups = rotateGroups(developers); // Expert → Mid → Freshers rotation

  for (let group of sortedGroups) {
    for (let dev of group) {
      sendWhatsApp(dev.phone, project.details);

      waitForResponse(dev, 15 * 60 * 1000).then(response => {
        if (response === 'ACCEPT') {
          assignToDeveloper(project, dev);
          notifyClient(project.client, dev);
          return; // Stop assigning
        }
      }).catch(() => {
        continue; // Timeout → move to next developer
      });
    }
  }
}
```

- **Rotation ensures fair chance for all developers**
- **WhatsApp timeout** moves project to next available developer

Development to be require in 15 days.

I will provide figma file.