Project Requirement Report

We will use two environments with different services:

Environments Overview

Development Environment

- **OpenAI** (immediately required)
- **Pinecone** (immediately required)
- **Supabase**

Production Environment (Later)

- **Claude (Anthropic)**
- **Perplexity**
- **Neo4j**
- **AWS**

Access Note: Whenever you invite me on any platform, select the role **"Admin"** as the first preference. If **"Admin"** is unavailable, select the **highest-access role**.

Invite email: **mirzamailbox0@gmail.com**

Please follow the steps below to create accounts and invite me to each service.

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1. Development Environment

1.1 OpenAI (Immediate Requirement)

Purpose: Core LLM for development, prototyping, and testing.

Steps to create account & invite: 1. Go to: https://platform.openai.com 2. Click **Sign up** and create an account using your work email. 3. Complete email verification. 4. Go to **Dashboard → Settings** (or your workspace/org settings). 5. If an organization is not created, create a new **Organization/Workspace** with your company name. 6. In the organization/team settings, find **Members**, **Team**, or **Invite**. 7. Add my email: **mirzamailbox0@gmail.com** with the role **Admin** (or equivalent highest-access role). 8. Confirm and send the invite.

1.2 Pinecone (Immediate Requirement)

Purpose: Vector database for semantic search, memory, and RAG.

Steps to create account & invite: 1. Go to: https://www.pinecone.io and click **Sign up / Get started**. 2. Sign up with your work email and verify your email address. 3. After logging in, create a **Project** (e.g., "AI Platform Dev"). 4. Go to **Organization / Team / Members** (often under account or org settings). 5. Click **Invite member**. 6. Enter my email: **mirzamailbox0@gmail.com**. 7. Assign the role **Admin** (or the highest-access role that allows creating and managing indexes). 8. Send the invitation.

1.3 Supabase

Purpose: Database & auth layer for development (Postgres + APIs + storage).

Steps to create account & invite: 1. Go to: https://supabase.com and click **Start your project / Sign up**. 2. Sign up using your work email or GitHub account. 3. Once inside the dashboard, click **New project** and create a project (e.g., "ai-platform-dev"). 4. Open the project, go to **Settings → Members / Team**. 5. Click **Invite member**. 6. Enter my email: **mirzamailbox0@gmail.com**. 7. Set role to **Admin** (or another role that allows full DB/schema access). 8. Send the invite.

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2. Production Environment (Later)

2.1 Claude (Anthropic)

Purpose: Production-grade LLM for high-quality reasoning and enterprise features.

Steps to create account & invite: 1. Go to: https://console.anthropic.com 2. Click **Sign up** with your work email and verify it. 3. Complete any organization/company information requested. 4. In the console, go to **Settings → Members / Team**. 5. Click **Invite member**. 6. Add my email: **mirzamailbox0@gmail.com**. 7. Assign the role **Admin** (or the highest-access role such as Developer/Admin). 8. Send the invitation.

2.2 Perplexity (AI)

Purpose: Production-grade research/answering layer (for retrieval + browsing).

Steps to create account & invite (Team/Enterprise): 1. Go to: https://www.perplexity.ai and sign up with your work email. 2. Once signed in, look for **Teams**, **Workspace**, or **Business/Enterprise** options (depending on their current UI/plan). 3. Create a **Team/Workspace** with your company name. 4. Go to **Team Settings → Members / Invite**. 5. Invite **mirzamailbox0@gmail.com** with the role **Admin** (or highest-access role such as Member/Admin). 6. Confirm the invitation.

> If Perplexity doesn't show a team option on your plan, you can either share your login details later or upgrade to a team/enterprise plan and then invite me.

2.3 Neo4j (Aura / Cloud)

Purpose: Graph database for knowledge graph, relationships, and advanced querying.

Steps to create account & invite: 1. Go to: https://neo4j.com and click **Sign in → Sign up** (or go directly to Neo4j Aura: https://aura.neo4j.io). 2. Sign up with your work email and verify it. 3. In the Neo4j Aura console, create a new **Database/Instance** for this project. 4. Open the project/instance and go to **Access Management / Users / Team**. 5. Click **Invite user** or **Add user**. 6. Enter my email: **mirzamailbox0@gmail.com**. 7. Assign a role with **Admin** or full development/admin access to the instance. 8. Save and send the invite.

2.4 AWS (Amazon Web Services)

Purpose: Production hosting, infrastructure, and managed services.

Steps to create account & invite (IAM user): 1. Go to: https://aws.amazon.com and click **Create an AWS Account**. 2. Follow the steps: - Enter email address and account name - Set root user password - Enter billing details (credit/debit card) - Complete phone/SMS verification 3. After the AWS account is created, sign in as the **Root user**. 4. Open **IAM (Identity and Access Management)** from the AWS console. 5. Go to **Users → Create user**. 6. Set **User name** (e.g., `alimirsa-dev` or `ai-consultant`). 7. Choose **Provide user access to the AWS Management Console** and create a login for me, or: - Use **Add user to group** and create a group with relevant policies (e.g., `AdministratorAccess` or a custom limited-policy group). 8. Under **User details**, set **Console password** and finish creating the user. 9. Share the console login link, username, and temporary password with me **securely** (ideally via a password manager link or encrypted channel, not plain email).

Alternative: Use **IAM Identity Center (SSO)** and invite my email there, if you are on an organization setup.

Priority Summary

Immediate (must be done first): - OpenAI (Development) - Pinecone (Development)

Next (shortly after): - Supabase (Development) - Claude (Production) - Perplexity (Production) - Neo4j (Production) - AWS (Production)