

Employee Directory (Dynamic Search & Filtering)

Database Design Document

Overview

This document describes the database schema used in the Employee Directory project. It supports the storage and retrieval of employee details using SQLite or PostgreSQL.

Table: employees

The table structure is as follows:

Column	Type	Description
id	INTEGER	Primary Key, Auto-Incremented
name	TEXT	Full name of the employee
role	TEXT	Job title/designation
department	TEXT	Department name
email	TEXT	Unique email address

Sample Data

Example Record:

```
{  
  id: 1,  
  name: "Alice Smith",  
  role: "Frontend Developer",  
  department: "UI/UX",  
  email: "alice.smith@example.com"  
}
```