

Project Documentation

Schema Builder

Overview

The Job Application Tracking System (ATS) relies on a well-defined database schema to efficiently manage and track job applications. The schema builder is a critical component that structures the data and relationships within the system.

Entity Relationship Diagram (ERD)

The ERD illustrates the relationships between different entities in the database.

Key entities include:

Applicants: Information about job seekers.

Jobs: Details about available positions.

Applications: Records of job applications submitted by applicants.

Statuses: Different stages of the application process.

Schema Definition

Applicants Table:

Fields: `applicant_id` (Primary Key), `name`, `email`, `resume_url`, `phone`, etc.

Jobs Table:

Fields: `job_id` (Primary Key), `title`, `description`, `requirements`, `status`, etc.

Applications Table:

Fields: `application_id` (Primary Key), `applicant_id` (Foreign Key), `job_id` (Foreign Key), `date_applied`, `status`, etc.

Statuses Table:

Fields: `status_id` (Primary Key), `name` (e.g., `Applied`, `In Progress`, `Completed`).