

Classes and Attributes:

1. **User:**

- Attributes: user_id, email, last_name, first_name, phone, creation_date, status, active, password.
- This class represents a general user with personal details and account status.

2. **Administrator:**

- Inherits from **User** and has a unique admin_id.
- Administrators manage recruiters and organizations, likely with elevated permission.

3. **Recruiter:**

- Also inherits from **User** with a unique recruiter_id.
- Recruiters are associated with organizations and handle job offers and job descriptions.

4. **Organization:**

- Attributes: organization_id, siren, name, type, headquarters.
- Represents a company or organization registered on the platform.

5. **JobDescription:**

- Attributes: description_id, title, status, manager, location, work_hours, remote_work.
- Defines a specific job position with details about the job role.

6. **JobOffer:**

- Attributes: offer_id, state, validation_date, indication, document_count, description.
- Represents a job listing available for applications, linked to a specific job description.

7. **Application:**

- Attributes: application_id, application_date.
- Represents an application by a user for a specific job offer.

8. Document:

- Attributes: document_id, file.
- Represents documents (such as resumes or cover letters) associated with an application.

9. File:

- Attributes: file_id.
- Represents individual files that are part of a document.

10. OrganizationRequest:

- Attributes: request_id, name, type, siren, headquarters.
- Represents a request by recruiters to create an organization.

11. RecruiterRequest:

- Attributes: request_id.
- Represents requests by users to become recruiters.