Class Diagram::classes

**Operators**

-job: string;
-industry: Industries;
-bio: text;

+accept(application: Applications): boolean;
+refuse(application: Applications): boolean;

**Companies**

-company_name: string;
-indusrty: Industries;
-bio: text;
-headquarter: string;
-logo: string;

1..*   -belongTo        -has   1

**Admins**

+restrictAccess(user: Users): boolean;
+validate(post: Posts): boolean;
+create(company: Companies): boolean;
+edit(company: Companies): boolean;
+delete(company: Companies): boolean;
+create(operator: Operators): boolean;
+edit(operator: Operators): boolean;
+delete(operator: Operators): boolean;

**Users**

-fullname: string;
-email: string;
-password: string;
-location: Cities;
-links: jsonb;

+login(email, password): boolean;
+publish(post: Posts): boolean;

**Talents**

-job: string;
-industry: Industries;
-bio: text;
-talent_type: TalentType;

+applyFor(post: Post): boolean;

«enumeration»
**Contracts**

Internship
CDD
CDI

«dataType»
**JobType**

+Part time
+Full time
+On site
+Hybrid
+Remote
+Freelance

«enumeration»
**PostType**

Job offer
Job request
Service offer
Service request

«dataType»
**Cities**

-has   1        1   -make   1   -has

«enumeration»
**TalentType**

freelancer
job seeker

«dataType»
**Functions**

0..*        -belongTo

**Medias**

-name: string;
-path: string;
-type: string;

-belongTo

«dataType»
**Industries**

1..*   -has

1        -belongTo

-has

**Posts**

-title: string;
-description: text;
-industry: Industries;
-function: Functions;
-location: Cities;
-post_type: PostType;
-sections: jsonb;
-deadline: datetime;

-belongTo

1..*

**Tags**

-tag: string;

-belongTo        -has

1..*

1        -has

-belongTo

1        1..*

**Applications**

-message: text;
-files: jsonb;

-has        -belongTo

**PostTags**
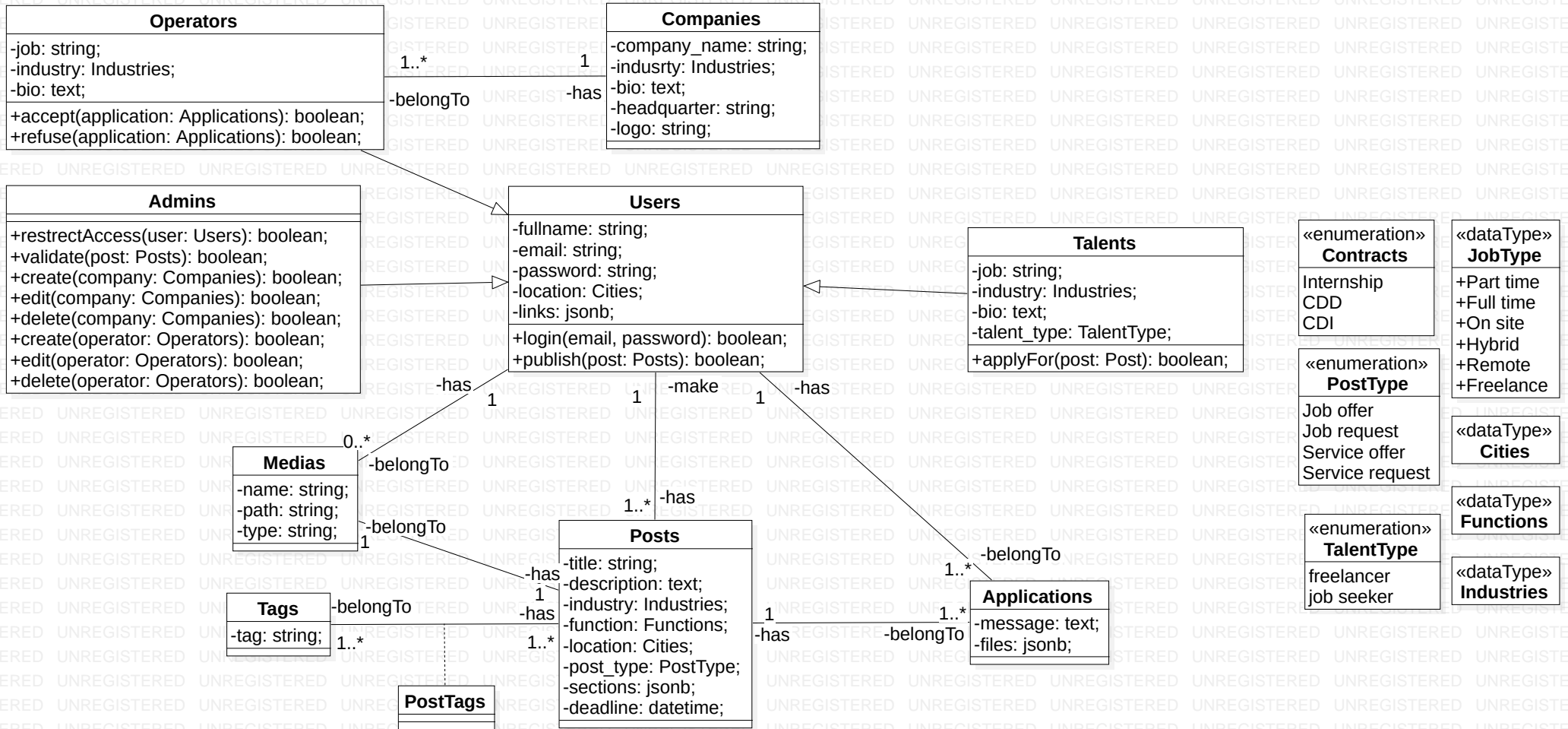
section attribut contains additionnal informations such
as contract type, job type, salaries, requirements, etc...

Usecase Diagram::UseCaseDiagram1

**JobFul**

Registeration

**Manage service requests**

**Consult service offers**

«include»   «include»

**Visitor**

**User**

User

«extend»   «extend»

search   filtre   by price

by tag

Manage profile

Consult profiles

«include»

**Manage job requests**

«include»   «include»

Authentification

**Consult job offers**

«include»

by salary

by industry

«extend» «extend»«extend»

**Talent**

search   apply   filtre   by contract

«include»

**Talent**

**Consult service requests**

«extend»   «extend»

search   apply

«include»

**Manage service offers**

«include»

**Business**

Manage posts

«include»

**Operator**

Consulter les demandes d'emploi

«include»

Consulter des profiles de talents

«include»

Gérer les condidatures

«extend»   «extend»

accepter   refuser

Gérer l'accès des utilisateurs

«include»   «include»

Admin

**Admin**

Gérer les publicités-les offres-les demandes

«include»