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
```
+restrectAccess(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;
+send(message): boolean;
+publish(post: Posts): boolean;
```

Talents
```
-job: string;
-industry: Industries;
-bio: text;
```
```
+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

«dataType»
Functions

«enumeration»
TalentType
```
freelancer
job seeker
```

«dataType»
Industries

-has   1   -make   -has   1

Medias
```
-name: string;
-path: string;
-type: string;
```
0..*   -belongTo

1   -belongTo

Tags
```
-tag: string;
```
-belongTo
1..*

Posts
```
-title: string;
-description: text;
-industry: Industries;
-function: Functions;
-location: Cities;
-post_type: PostType;
-sections: jsonb;
-deadline: datetime;
```
1..*   -has

1   -has
-has   1..*

Applications
```
-message: text;
-files: jsonb;
```
-belongTo   1..*

1   -has   1..*   -belongTo

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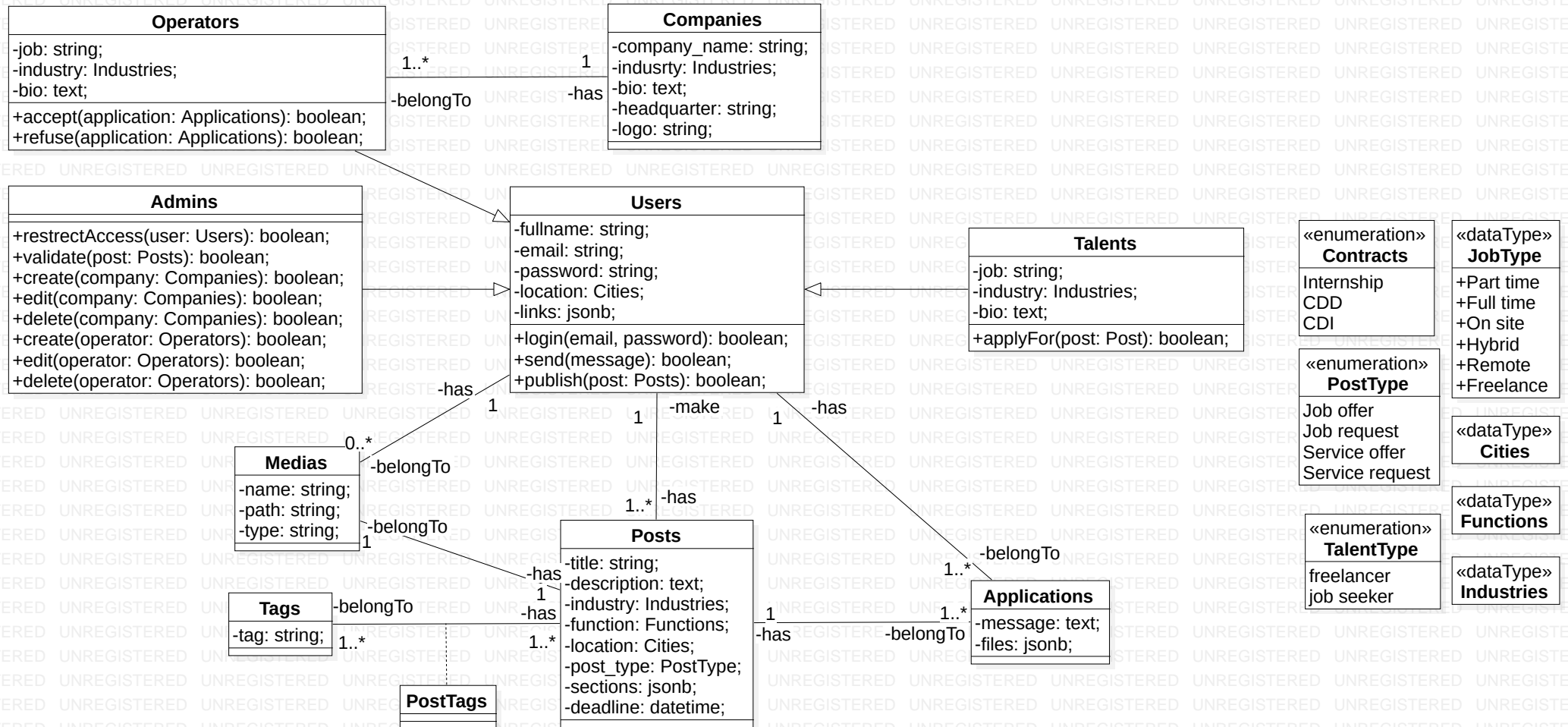
section attribut contains additionnal informations such
as contract type, job type, salaries, requirements, etc...

Usecase Diagram::UseCaseDiagram1

JobFul

Visitor

User

Talent

Operator

Admin

Registeration

Manage service requests

Consult service offers

«extend» «extend»

search

filtre

by price

by tag

Manage profile

Consult profiles

Manage job requests

Consult job offers

«extend» «extend» «extend»

search

apply

filtre

by salary

by industry

by contract

Consult service requests

«extend» «extend»

search

apply

Manage service offers

Manage posts

Consulter les demandes d'emploi

Consulter des profiles de talents

Gérer les condidatures

«extend» «extend»

accepter

refuser

Gérer l'accès des utilisateurs

Gérer les publicités-les offres-les demandes

User

Talent

Business

Admin

Authentification

«include» «include»

«include»

«include»

«include»

«include»

«include»

«include»

«include»

«include»

«include»

«include»

«include»