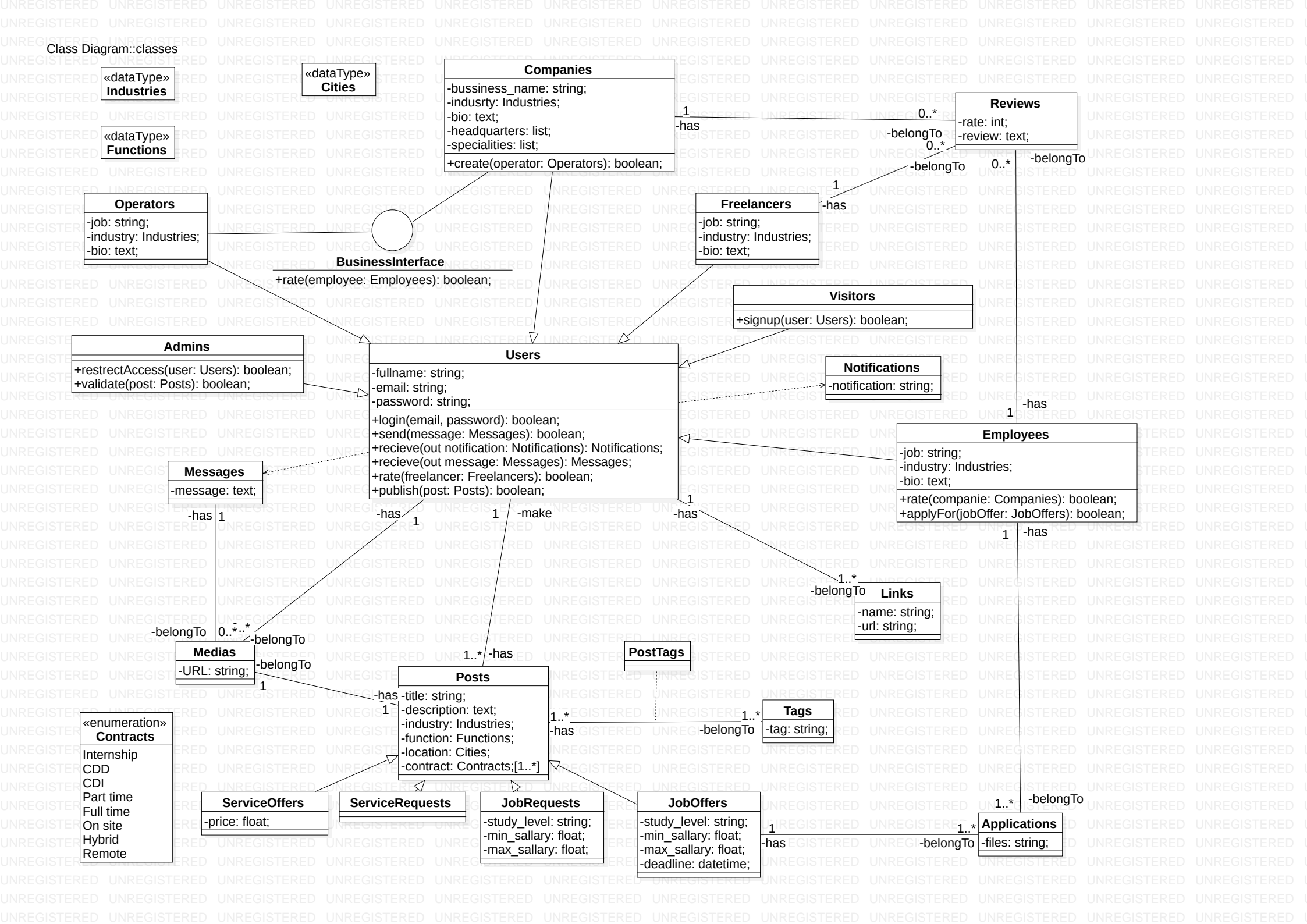


```

classDiagram
    class Industries {
        <<dataType>>
    }
    class Cities {
        <<dataType>>
    }
    class Functions {
        <<dataType>>
    }
    class Operators {
        -job: string
        -industry: Industries
        -bio: text
    }
    class Admins {
        +restrictAccess(user: Users): boolean
        +validate(post: Posts): boolean
    }
    class Messages {
        -message: text
    }
    class Medias {
        -URL: string
    }
    class ServiceOffers {
        -price: float
    }
    class ServiceRequests {
    }
    class JobRequests {
        -study_level: string
        -min_salary: float
        -max_salary: float
    }
    class JobOffers {
        -study_level: string
        -min_salary: float
        -max_salary: float
        -deadline: datetime
    }
    class Applications {
        -files: string
    }
    class Companies {
        -business_name: string
        -industry: Industries
        -bio: text
        -headquarters: list
        -specialities: list
        +create(operator: Operators): boolean
    }
    class Freelancers {
        -job: string
        -industry: Industries
        -bio: text
    }
    class Visitors {
        +signup(user: Users): boolean
    }
    class Notifications {
        -notification: string
    }
    class Links {
        -name: string
        -url: string
    }
    class Tags {
        -tag: string
    }
    class PostTags {
    }
    class Users {
        -fullname: string
        -email: string
        -password: string
        +login(email, password): boolean
        +send(message: Messages): boolean
        +recieve(out notification: Notifications): Notifications
        +recieve(out message: Messages): Messages
        +rate(freelancer: Freelancers): boolean
        +publish(post: Posts): boolean
    }
    class Employees {
        -job: string
        -industry: Industries
        -bio: text
        +rate(companie: Companies): boolean
        +applyFor(jobOffer: JobOffers): boolean
    }
    class Contracts {
        <<enumeration>>
        Internship
        CDD
        CDI
        Part time
        Full time
        On site
        Hybrid
        Remote
    }
    Companies "1" -- "0..*" Reviews : -has
    Companies "1" -- "0..*" Reviews : -belongsTo
    Companies "1" -- "1" Freelancers : -has
    Operators --> BusinessInterface : +rate(employee: Employees): boolean
    Admins --|> Users
    Messages ..> Users : +recieve(out notification: Notifications): Notifications
    Messages ..> Users : +recieve(out message: Messages): Messages
    Medias -- "1" Messages : -has
    Medias -- "0..*" Users : -belongsTo
    Medias -- "1" Posts : -belongsTo
    ServiceOffers --|> Posts
    ServiceRequests --|> Posts
    JobRequests --|> Posts
    JobOffers --|> Posts
    Applications -- "1..*" JobOffers : -belongsTo
    Applications -- "1" JobOffers : -has
    Applications -- "1..*" Employees : -belongsTo
    Employees -- "1" Companies : -has
    Employees -- "1..*" Links : -belongsTo
    Links -- "1..*" Users : -make
    Links -- "1..*" Tags : -belongsTo
    Tags -- "1..*" PostTags : -belongsTo
    PostTags ..> Posts
    
```



Usecase Diagram::UseCaseDiagram1

JobFul

