

WorkForU application

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Employers document

The employers collection stores all the users who are employers. It also stores projects subdocument which are created for employing freelancers.

```
{
  "_id":      ObjectId("7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310"),
  "fullName": "John Doe",
  "emailId":  "JDoe@gmail.com",
  "password": "XXXXXXX",
  "companyName": "Google",
  "projects": [{object},...],
  "createdAt": "11/05/2021 00:00:00",
}
```

Name	Type	Description
_id	Object Id	A globally unique identifier to represent the user.
fullName	string	A string which stores full name for users.
emailId	string	A string which stores emailId of employers which is stored as userId also.
password	string	The password when users (employers) log in.

companyName	string	This property stores company name of the employers.
projects	Object array	This property stores the multiple projects as object array.
createdAt	DateTime	This stores UTC datetime when the object was created.

Projects subdocument

This is a projects subdocument which stores all the project related data along with skills and hourly pay. This will be used in freelancers as well as employers document.

```
{
  "_id": ObjectId("7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310"),
  "name": "Business Quality Management",
  "description": "This is a datastore application which migrates
data from worksheet to SQL database",
  "tenureMonths": 3,
  "skillsRequired": [{object},...],
  "hourlyPay": 20,
  "status": "in progress",
  "createdAt": "11/05/2021 00:00:00",
}
```

Name	Type	Description
_id	Object Id	A globally unique identifier to represent the project.
name	string	A string which stores name of projects.
description	string	A string which stores description of projects.

tenureMonths	int	This property stores tenure of project in months.
skillsRequired	Object array	This property stores multiple skills in the form of object array which stores id and skills.
hourlyPay	int	This property stores the hourly pay of the project.
status	int	This stores the current status of project. Example : Initiated, In Progress, Completed
createdAt	DateTime	This stores UTC datetime when the object was created.

Skill subdocument

This is a document which stores all the skillset names which is stored in projects and freelancers document and will be used for a dropdown.

```
{
  "_id": ObjectId("7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310"),
  "skillName": "ReactJS"
}
```

Name	Type	Description
_id	Object Id	A globally unique identifier to represent the project.
skillName	string	A string which stores name of skill which is used in project and freelancer document.

Freelancers document

This document stores all the users who are freelancers who are on project or finding new ones along with a description, skills and reviews provided by past employers.

```
{
  "_id":      ObjectId("7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310"),
  "fullName": "Ronny Cheing",
  "emailId":  "RCheing@gmail.com",
  "password": "XXXXXXX",
  "introduction": "I am an experienced software engineer where I
have experience on HTML5,CSS,ReactJS,etc.",
  "skills":    [{object},...],
  "projects":  [{object},...],
  "overallRating": 3.5,
  "reviews":   [{object},...],
  "location":  "New Jersey",
  "successRate": 4,
  "expectedPay": 15,
  "createdAt": "11/05/2021 00:00:00",
}
```

Name	Type	Description
_id	Object Id	A globally unique identifier to represent the user.
fullName	string	A string which stores full name for users.
emailId	string	A string which stores emailId of employers which is stored as userId also.
password	string	The password when users (freelancers) log in.
introduction	string	This property stores the introduction of freelancers.

skills	Object array	This property stores multiple skills in the form of object which stores id and skills.
projects	Object array	This property stores the multiple projects as objects.
overallRating	int	This property stores rating of freelancers.
reviews	Object array	This property stores object in the form of [{ _id: Object Id, employerId: Review comments(string), review: string }]
location	string	This property stores the location of the freelancer.
successRate	int	This property stores a rating which is calculated on the basis of status of the project.
expectedPay	int	Freelancer mention their pay expectation.
createdAt	DateTime	This stores UTC datetime when the object was created.