# 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 hourlypay. 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. |