1. Freelancers

api/v1/freelancers/register POST

api/v1/freelancers/login POST

api/v1/freelancer/id GET , PATCH

api/v1/freelancer/ upload-avatar/id upload image

1. Freelancer , category => Abdallah.
2. Client , skills, feedback Ziyad.
3. Projects , Farag.
4. Offers ,chat Hemdan.

attributes

Attribute name	Notes
_Id *	Number, read only, By default determines by mongoose
Username *	String, min 3 max 30 => abdallah214, unique
Phone*	string, unique
Email *	Unique ,string, Regular expression, express validator
Is Verified	Default false , Boolean. By admin
Hour rate	Number by default 10
Avatar	String, image link
Password *	String, min 8 max 16
Category Id*	Reference to category entity
Job title *	
Description overview	
First Name*	String, min 3 max 30 =>
Last Name *	String, min 3 max 30 =>
role	**String default freelancer**
Completed Project	Array of projects which freelancer completed it
Portfolio	Array Of

Business Operations

Business Operation: CRUD Operations

confirm password. Reset password , Confirm email , JWT , hashing , Oath , Register ,update data , account.

2. Client:

api/v1/clients/register POST

api/v1/ clients /login POST

api/v1/ clients /id GET , PATCH.

attributes

Attribute name	Notes
_Id *	Number, read only, By default determines by mongoose
Username *	String, min 3 max 30 => abdallah214

Phone *	String
Email *	Unique ,string, Regular expression, express validator
Is Verified	Default false , Boolean. By admin
Avatar	String, image link
Password *	String, min 8 max 16
Address	String
First Name*	String, min 3 max 30 =>
Last Name *	String, min 3 max 30 =>
role	**String default client**

Business Operations

CRUD Operations

confirm password. Reset password , confirm email , JWT , hashing , Oath , Register ,update data ,account.

3. Projects

api/v1/projects/ : id   => filtering , pagination, skip , sort

api/v1/projects Get all , post one.

api/v1/projects/:id/update. PATCH updates the project details.

api/v1/projects/:id/accept. PATCH updates the project status and choice the winning offer.

attributes

Attribute name	Notes
Id *	Number, read only, auto-increment by mongoose
Title *	String 3,30
description *	String, min 3 max 100
Status *	Default open => Enum=[open , active , complete , close]
Fixed price * budget	Determined by client
avgPrice	Depending on amount of offers, default = 0 aggregation
Count offers	Depending on count of offers, default = 0 aggregation
Skills id *	Reference to skills entity
Client id	Reference to client entity , Client ref
Category Id*	Reference to category entity
Attached files	
Wining_id	Ref to offer id who chosen to work on the project. (changes to pending when he was chosen)

Business Operations

Business Operation: client can read ,create, update(budget not included), delete its own project .

Can change status to active status. When this happens the project id will be added to the completed projects array to this winning freelancer.

4. Feedback

api/v1/projects/:project_id/feedback

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Project_id*	Ref to project
Freelancer_id *	Ref to freelancer
content	text

Client can add feedback to freelancer who completes his work.

5. Offers

api/v1/projects/:project_id/offers GET The offer for specific project.

api/v1/projects/:projectId/offers GET ,POST

api/v1 /offers/:id Update, Delete

api/v1/freelancer/:freelancerId/myoffers GET The Offers for specific freelancer.

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Freelancer_id* token	Ref Freelancer who makes offer
Project_id params	Ref project who makes offer
duration * Body	Number of days to work to be ended
amount* Body	Amount of money for this offer
Description* Body	String, proposal

Business Operations

Business Operation: freelancer can add ,update , delete its offers for specific project.

6. Category

api/v1/categories GET , POST

api/v1/categories/:id Patch , Delete

api/v1/categories/:id/freelancers GET All Freelancer in Specific Category

api/v1/categories/:id/projects GET All Projects in Specific Category

Attribute name	Notes
_Id *	Number, read only, auto-increment
Name	String

7. Skills

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Name *	String
Category_id *	Ref Category

api/v1/skills GET , POST

api/v1/skill/:id Patch , Delete

8. Chat :chat_id

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Project_id*	Ref to project
Freelancer_id *	Ref to freelancer
Client_id	Ref To Client

9 -Messages (Timestamp)

/api/v1/chats/ POST, Client can create chat with freelancer
/api/v1/chats/:chatId/messages   get all messages for specific chat
/api/v1/chats/:chatId/messages   Send Message

/api/v1/freelancers/chats   get all chats for specific freelancer

/api/v1/clients/chats   get all chats for specific client

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Chat_id*	Ref to Chat
Content*	Content Of the message