

“Let’s Conquer that Job!” Website

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GitHub Repository: <https://github.com/Dhruvv4/cs546-final-project>

Users Collection

Description: This collection contains data for all of the users. The fields include first name, last name, email, phone number, skills and links to their social media handles along with other information as seen below

```
{
  userId: "abc1234tfr13",
  firstName: "Siddharth",
  lastName: "Prabhakaran",
  email: "sidduprabhak@gmail.com",
  phoneNumber: 9083319047,
  linkedin: "https://www.linkedin.com/in/sidprabhak/",
  twitter: "<TwitterURL>",
  resume: "Path for Resume stored in system",
  skills: ["Python", "Javascript", "AWS"],
  tags: ["Python", "Javascript"],
  github: "https://github.com/sidprabhak",
  profilePhotoUrl: "URL of Profile Photo in system displayed for the user",
  role: ["interviewer", "interviewee", "admin"],
  blogs: ["Blog1", "Blog2"],
  articlesRead: ["Article1", "Article2"],
  pastInterviews: ["Interview1", "Interview2", "Interview3"],
  upcomingInterviews: ["Interview4", "Interview5"],
  createdAt: "03/29/2023",
  updatedAt: "03/29/2023",
  age: 24,
  isPremiumUser: true,
  userScore: 100,
```

```
isBanned: false  
};
```

Name	Type	Description
userId	ObjectId	Id for each user
firstName	String	First name of the user
lastName	String	Last name of the user
email	String	Email address of the user
phoneNumber	Number	Phone number of the user
linkedin	String	URL for LinkedIn profile
twitter	String	URL for Twitter handle
resume	String	Path of resume from system
skills	Array	Skills of the user
tags	Array	Interests of the user
github	String	URL for user's GitHub profile
profilePhotoUrl	String	URL for user's profile picture
role	Array	Role of user (Interviewee or Interviewer)
blogId	Array of ObjectIds	List of Ids of blogs written by user
articlesRead	Array of ObjectIds	List of articles read by the user
pastInterviews	Array of ObjectIds	List of interviews given by user
upcomingInterviews	Array of ObjectIds	List of interviews scheduled in the future for the user
createdAt	Date	Date of profile creation

updatedAt	Date	Date of last profile updation
age	Number	Age of user
isPremiumUser	Boolean	If user has subscribed for Premium
userScore	Number	Points accumulated by user
isBanned	Boolean	If user's account is banned due to suspicious activity or if they are reported multiple times

Interviews Collection

Description: This collection contains data for all of the interviews between an interviewee and interviewer. The fields include interviewee Id, interviewer Id, link for the interview, date of interview, remarks and status along with other fields as seen below

```
{
  interviewer: "interviewID",
  interviewee: "interviewID",
  interviewLink: "Meeting link",
  interviewDate: "04/15/2023",
  recordingLink: "Link for interview recording if interview has concluded",
  interviewerRemarks: [{"technicalKnowledge": {
    "remark": "Some remark",
    "rating": 1-5
  }},
  intervieweeRemarks = [{"Questions":{
    "remark":"Good"
  }},
  createdAt: "03/29/2023",
  updatedAt: "03/29/2023",
  interviewStatus: "Pending/Completed/Canceled/Error"
}
```

Name	Type	Description
interviewer	ObjectId	Id of Interviewer
interviewee	ObjectId	Id of Interviewee
interviewLink	String	Link for meeting invitation
interviewDate	Date	Date of interview
recordingLink	String	Link for recording of meeting
interviewerRemarks	Array of Objects	Remarks by interviewer
intervieweeRemarks	Array of Objects	Remarks by interviewee
createdAt	Date	Date when interview was created
updatedAt	Date	Date of last update
interviewStatus	String	Status of the interview

Token Collection

Description: This collection contains data for all of the users logged in and keeps a track of how long their token is valid before it expires. The fields include user, past tokens generated for the user, date of token creation and date of last update.

```
{
  userId: "abc123",
  user: {accessToken: "token", expiresIn: 10, refreshToken: "token"},
  pastTokens: ["tokens"],
  createdAt: "03/29/2023",
  updatedAt: "03/29/2023"
}
```

Name	Type	Description
userId	ObjectId	Id of user
user	Object	Object with details of current token and expiration
pastTokens	Array	Details of past tokens generated for user
createdAt	Date	Date of token creation
updatedAt	Date	Date of new token updation

Blogs Collection

Description: This collection contains data for all of the blogs which are present on the website and how many users have upvoted or downvoted each blog. The fields include title, content, upvotes, downvotes, count of upvotes and downvotes along with other fields as seen below.

```
{
  blogId: "Blog1",
  title: "Blog Name",
  content: "What the blog is about?",
  upVotes: ["User1", "User2"],
  downVotes: ["User3", "User4"],
  upvotesCount: 2,
  downvoteCount: 2,
  URL: "<URL of the blog>",
  type: "Blog/Article",
  createdAt: "03/29/2023",
  updatedAt: "03/29/2023",
  tags: ["Python", "Javascript"],
  isPremium: false
}
```

Name	Type	Description
blogId	ObjectId	Id for each blog
title	String	Title of the blog
content	String	Content present in the blog
upVotes	Array	Array of users who upvoted
downVotes	Array	Array of users who downvoted
upVotesCount	Number	Total number of upvotes
downVotesCount	Number	Total number of downvotes
URL	String	Link to blog/article
type	Array	If it's a blog or article
createdAt	Date	Date when blog was created
updatedAt	Date	Date of last update
tags	Array	Tags associated with the post
isPremium	Boolean	If blog is written by premium user, it will be featured on top

Test Collection

Description: This collection contains data for different questions and answers which can be accessed by an interviewee in case there is no one able to interview them and help them prepare. The fields include questions, answer, answer recorded by user, user Id, score and duration of test along with other fields as seen below

```
{
```

```

questions: [{question1: answer1 }, {question2: answer2 }],
userRecordedAnswers: [{question1: , answer1: , userAnswer1: }],
user: "User1",
score: 100,
testStartedAt: "03/29/23 05:00 PM",
testDuration: 60,
testEndedAt: "03/29/23 06:00 PM",
tags: ["Python", "Javascript"],
createdAt: "03/29/2023",
updatedAt: "03/29/2023",
isCompleted: false,
isUserOffPage: false,
isPremium: false
}

```

Name	Type	Description
questions	Array of Objects	List of questions randomly generated for a test
userRecordedAnswer	Array of Objects	Answers provided by user
user	Array	Id of user who took test
score	Array	Score of the user
testStartedAt	Date	DateTime for test start
testDuration	Number	Duration of test in minutes
testEndedAt	Date	DateTime for end of test
tags	Array	Tags associated with questions
createdAt	Date	Date when test was created
updatedAt	Date	Date when last change was made to test
isCompleted	Boolean	To check if test is complete

isUserOffPage	Boolean	To check if user is moving to different tab and display a message
isPremium	Boolean	To check if user is premium user