

Documentation of Authentication Project

Technology

NodeJS, ExpressJS, JsonWebTokens, BcryptJS, HTML, CSS, JS, mongoDB

Functionalities

1. Signing up the user

A new user wants to signup can enter their details. Program will create a *USER* schema to store the details of new user. User will need to enter their unique email, username and password as the required credentials. We used **BcryptJS** package to decode our password into a secret key, so that our password get hashed and can't be decrypted.

Also, we created an instance of *USERDETAILS* schema with email as primary key, so that we can store the answers to our questions later with the help of the key.

When user successfully registers, it redirects to *DETAILS* page and enter some more details such as Name, Food, Movie, Age. We add these Details in another *USERDETAILS* schema in which we have already add email of the user as primary key.

For adding the more details of user into *USERDETAILS* schema, we use **findOneAndUpdate** method which finds the instance using the email and update the **Additional data into schema**.

2. Login

if a user has already registered, they can directly go to login page and can fill the credentials. After entering the login details, server checks if user entered the correct credentials or not. If the enter details are **correct** and on submitting the **credentials**, we **generate a JWT token** for their future Authentication and redirects the user to dashboard.