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Chat application - Authorization

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We will cover with the following concepts

1) Password encryption

2) Custom Auth Model

3) Authorization middleware

Password hashing is done using algorithms

- Password must be encrypted before storage to prevent unauthorized use in an event of attack.

- Passwords are hashed using algorithms. The most popular ones are bcrypt and md5

- Although md5 is more common due to its old age (1992), the preferred algorithm is bcrypt. Its significantly better than md5.

- We will use bcrypt module to implement this algorithm in our application

- We will have to create two functions - one to generate a hash password and another to compare it.

Let's write an authorization middleware

- Change the login to save an auth entry for the user

- In middleware, we will verify the token claim first and then only let user to move forward. We will also set the user information in the req.user variable

- We will apply the middleware to selective routes. We may keep a few route open.

- In logout functionality, we will just delete the user’s Auth model and that will ensure that even if he retains the token from the browser, he cannot use it.

The next steps are ...

Events in Nodejs