

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Sign Up</title>

</head>

<body>

  <form id="signup-form">

    <label for="username">Username:</label>

    <input type="text" id="username" name="username"><br><br>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password"><br><br>

    <input type="submit" value="Sign Up">

  </form>

  <script src="script.js"></script>

</body>

</html>
```

Java script

```
document.getElementById('signup-form').addEventListener('submit', function(event) {

  event.preventDefault();

  const username = document.getElementById('username').value;

  const password = document.getElementById('password').value;

  fetch('/signup', {
```

```

    method: 'POST',
    headers: {
      'Content-Type': 'application/json'
    },
    body: JSON.stringify({ username, password })
  })
  .then(response => response.json())
  .then(data => console.log(data))
  .catch(error => console.error('Error:', error));
});

```

Node.s sever

```

const express = require('express');
const app = express();
const mongoose = require('mongoose');
const bcrypt = require('bcrypt');

```

```

mongoose.connect('mongodb:

```

```

const userSchema = new mongoose.Schema({
  username: String,
  password: String
});

```

```

const User = mongoose.model('///localhost:27017/mydatabase', { useNewUrlParser: true,
useUnifiedTopology: true });

```

```
const userSchema = new mongoose.Schema({
  username: String,
  password: String
});

const User = mongoose.model('User', userSchema);

app.use(express.json());

app.post('/signup', async (req, res) => {
  try {
    const hashedPassword = await bcrypt.hash(req.body.password, 10);
    const user = new User({
      username: req.body.username,
      password: hashedPassword
    });
    await user.save();
    res.json({ message: 'User created successfully' });
  } catch (error) {
    res.status(500).json({ message: 'Error creating user' });
  }
});

app.listen(3000, () => {
```

```
console.log('Server is running on port 3000');  
});
```