

Mock Interview 3

Test Name: Nodejs Authentication

Deadline - Sunday, 28th June

TIME: (Ideal time of completion: 12 hours)

Create a complete authentication system which can be used as a starter code for creating any new application

Super Extra Points:

- Using parallel jobs for sending mails

Required:

- Well commented code
- Readme on how to setup the project on local system
- Scaleable folder structure (separate models, controllers and routes)
- Pages should look good! Refer to Google/facebook/other authentication systems

- DO NOT SUBMIT YOUR PASSWORDS IN GIT COMMIT

Task

- Implement the following for a user with respective html pages:
 - Sign up with email
 - Sign in (you can redirect to a blank home page with a sign out and reset password button after sign in)
 - Sign out
 - Reset password after sign in
 - The password stored in the db should be encrypted
 - Google login/signup
 - **[Bonus Feature]** Forgot password (you can either generate a random password and send on email, or send a reset password link which expires in some time [preferred])
- Take care of the following
 - Display notifications for
 - unmatching passwords during sign up
 - incorrect password during sign in
- [Extra Points] enable re-captcha on both sign up and log in

Free Hints

- YOU CAN USE PASSPORT TO MAINTAIN CREATE AND MAINTAIN SESSIONS, BUT OTHER FUNCTIONALITIES ARE WHICH WILL NEED TO BE BUILT BY YOU
- YOU CAN USE NOTY AND BOOTSTRAP IF YOU NEED TO
- **USE PEN AND PAPER TO DEFINE THE STEPS**
- WORK ON ONE STEP AT A TIME (in the order they are mentioned, DON'T THINK ABOUT THE COMPLETE APP TOGETHER)

To Submit:

- Record a video (max 5 minutes) with the following details (**and upload it to drive/youtube with public access, VIDEO SHOULD BE ACCESSIBLE BY ANYONE**):
 - Explain through the folder structure (what is placed where and why)
 - Explain the running code
- Upload the project files on github.com
- Fill the github and video links in this form: <https://forms.gle/Rhidhm35EHFjvjR16>