The shared sample project contains following directories and files :

* Config – (Directory)
  + config/database.js (File)
* controllers – (Directory)
  + controllers/applicantController.js , (File)
  + controllers/employerController.js , (File)
  + controllers/jobController.js , (File)
  + controllers/jobSeekerController.js , (File)
  + controllers/recruiterController.js , (File)
  + controllers/userController.js (File)
* middlewares – (Directory)
  + middleswares/authMiddleware.js , (File)
  + middlewares/registrationMiddleware.js , (File)
  + middlewares/validationMiddleware.js (File)
* models – (Directory)
  + models/applicants.js , (File)
  + models/employers.js , (File)
  + models/job.js , (File)
  + models/jobseekers.js , (File)
  + models/recruiters.js , (File)
  + models/users.js (File)
* routes – (Directory)
  + routes/applicantRoutes.js , (File)
  + routes/employerRoutes.js , (File)
  + routes/jobRoutes.js , (File)
  + routes/jobseekerRoutes.js, (File)
  + routes/recruiterRoutes.js , (File)
  + routes/userRoutes.js (File)
* app.js (File)
* server.js (File)

Apart from these, there are some system/node created files and directories, like there is a directory named node\_modules which contains many other files and directories. Then there are package-lock.json and package.json files which are created by system or node.

ChatGPT has tried to create a simple job portal, with following stakeholders and their use-cases :

1. SuperAdmin - Have CRUD rights for anything and everything. Should be able to login from admin panel.
2. Admin - Have CRUD rights for everything what SuperAdmin has, except for it can;t create or delete another admins or another SuperAdmins. Typically a person who manages day to day operations of the platform.
3. Company HR - An employee of 'Platform' who can access jobs and jobseekers collection with Create, Read, and Update rights, and view/read any other collection. Basically, they are the ones who can post jobs on behalf of employers, and who review applications received for any jobs, either applied directly by candidate or referred by a recruiter, and shortlist/filter them before sending them to employers. So thay can update status of any application for any job post, mark it as rejected or shortlisted.
4. Client managers - An employee of 'Platform' who can create, read, and update data in employers and jobseekers collection, and they can read data in any other collection. Basically they are the one who bring employers on the table, create their account on platform, post jobs on their behalf, and handhold them through recruitment process.
5. Operations manager - An employee of 'Platform' who is responsible for smooth day-to-day operations, Has Create, Read, and Update rights to employers and jobseekers collections, and Read rights to any other database.

All of the above 5 are 'Platform' admin users, and their user roles are defined by 'roles' filed in 'users' collection of database.

Additionally, platform also has following stakeholders (users) who are most essential part of platform -

1. Employers - companies who are also referred to as clients of platform, who post their job requirements or job openings, invite applications, and hire candidates.
2. Recruiters - Freelance HRs who refer candidates for jobs posted on the platform, apply on behalf of candidates, and also create their on database of candidates on the platform through applying for new candidates for different jobs, thus creating databank of platform. They are identified by their 'referral id' and can see list and details of those candidates who have entered their referral id in their profile, or whose profiles has been created by these recruiters. They can view jobs, save jobs, and apply for saved jobs on behalf of their candidates. They can also create profiles for jobseekers, and edit them.
3. Jobseekers - These are those who view jobs, register on the portal, apply for jobs, and follow the process/pipeline of recruitment. They can view profile of their recruiters (limited data), and have read access to jobs, employers, and recruiters profile (only who has referred them), and can edit/delete their own profiles.

Till now, through ChatGPT, codes has been written to fulfill below purposes :

1. Create and login for all 5 backend profiles, i.e. SuperAdmin, admin, Company HR, Client Manager, and Operations Manager.
2. Register/login for JobSeekers, Recruiters, and Employers.
3. Create jobs, view, and filter jobs.
4. Jobseekers can apply for jobs, and recruiters can refer candidates and apply on their behalf for jobs.

Your assignment is to :

1. Review code written till by ChatGPT, and edit that to fulfill their purpose.
2. Add additional code if required, or create new files and write code in them, if required, in order to make the backend functional with above-mentioned purposes/features.
3. Enable application/applicant view so that jobseekers can view jobs for which they have applied, and their own application, recruiters can view applicants and their applications for jobseekers referred by them, and company HR can view all applications received for any particular job.

Your end goal is to convert this sample project files into a real working basic framework, with all code and files in sync and working.