Online Test Application

The Online Test Application system creates an application that enables users to provide online tests, review them, and display the results.
It contains 2 parts- front and backend.

Frontend   :html, css(Bootstrap), Angular, Angular material.
Components:
quiz   : It displays the test description and provides the user to attempt the test.
question-model : It displays every single question as three operations i.e; proceed to next questio
                 or previous question & end test (person can go to review component and cannot go back).
review   : It displays the questions attempted, questions answered in table and has opteration for submit test
                  In submit test it displays questions attempted, questions answered,correct question and reason explainati
on in table,
                   It also provides number of quesions correct,number of questions wrong,Total number of questions and to
tal marks obtained

Domain:
1 Quiz
2 Question
3 Answer

Service:
1 quiz-service : contains two http services to get quiz and answers from the server.

Additional Features :
1 : Its has timer when timer ends it will automatically redirects to review component
2 : Auto Save every 2 seconds so the answers will be saved in localStorage during quiz and user can reload the page.

Backend   : Java,Springboot
Rest Api, that serves only 2 requests i.e; get quiz and get answers.
The questions & answers which are present in json file are taken from the server in json format and given to the client.
get quiz   : questions are given in a json format from the server.
get answers   : answers and explanations to the quiz provided in json format, from the server to the client.

How to run instructions:
Backend:
1. Quiz and answers are present json file located in backend\online-test\src\main\resources\data folder you can edit the json file add,
    modify questions and its answers.
    You can also change timeLimit and marks.
2. Do maven clean install and run the application either in tomcat or with springBootAppication way
3. Backend Application will be up and running on localhost:8080

Frontend:
1. check node_module folder is present or not if it is not present do npm install.
2. Then start the application with npm start
3. Frontend Application will be up and running on localhost:4200

Note: if any CORS origin error is found when hitting the request to server please enable CORS in your browser by adding extension.