Training & Assignment

NodeJS

1. Copyright Notice

2. Course Material

Topic	Link
What is NodeJS?	https://www.youtube.com/watch?v=yEHCfRWz-EI
How NodeJS works?	https://www.youtube.com/watch?v=YSyFSnisip0
NodeJS Tutorial	https://www.youtube.com/watch?v=RLtyhwFtXQA
ExpressJS Tutorial	https://www.youtube.com/watch?v=Oe421EPjeBE&t=5669s
	https://www.youtube.com/watch?v=T2KjBiwYyBI&list=PL_cUvD4qzbkxZZyyuXa1xkWFhRB_NoQwl&index=1
View Engines	https://www.youtube.com/watch?v=yXEesONd_54
Sequelize ORM with MySQL	https://www.youtube.com/watch?v=pxo7L5nd1gA
Create a sample app	https://www.youtube.com/watch?v=EkQc-8uzxIA

At **Nagarro**, we believe that to improve employee's performance, satisfaction, and morale it is important to keep up with latest technologies and work on live projects apart from your office work so you can scale your Nagarro's learning. To strengthen this belief, we present you **training material (Web Development for Nagarro)**.

The combined duration of all resources is around 14.5 hours and it covers most of the Node concepts for web development. The courses are mentioned in decreasing order of complexity and some concepts may be repeated for better understanding in depth as you move further down the pathway.

3. Assignment

Develop a "**Result Managment Application**" using HTML, CSS, JavaScript and Node.

- Two types of users can login to application by clicking a button on homepage
- Students can enter their roll number and date of birth to view their result
- If roll number and D.O.B. does not match, an error should be shown on screen.
- Teachers can View all records, add new record, edit and delete the records.

4. Note

- Feel free to enhance the UI experience. Wireframes shown below are just for your reference.
- Usage of bootstrap or materialize is allowed but not their JS part.

- Styling can be done using CSS/sass/less.
- You should use ExpressJS in this application.
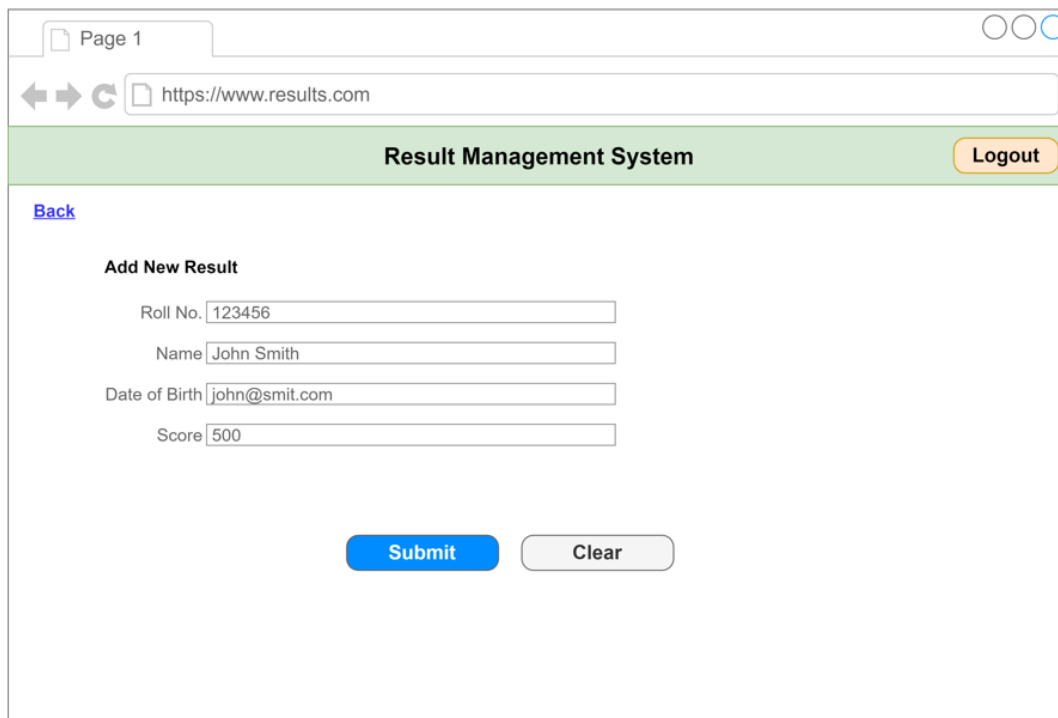- If you feel that you need to explain what you have done in the application, you can update the README.md.

Deliverables: You can upload the code **without node modules** on Nagarro Git/ Sharepoint (Java & Dotnet respectively) and share the link accordingly.

5. Wireframes
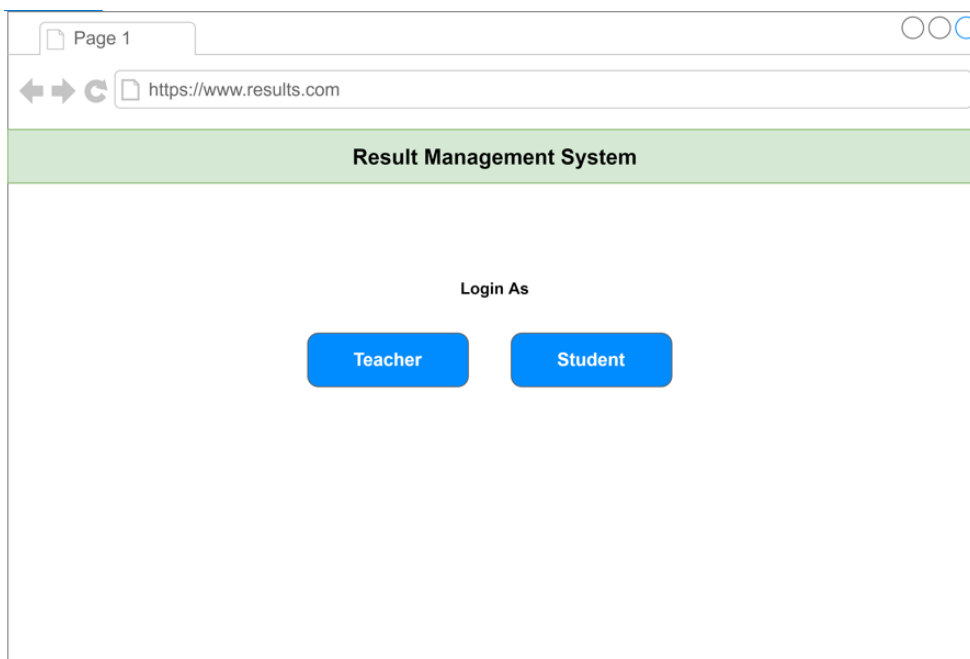
Teacher View:-
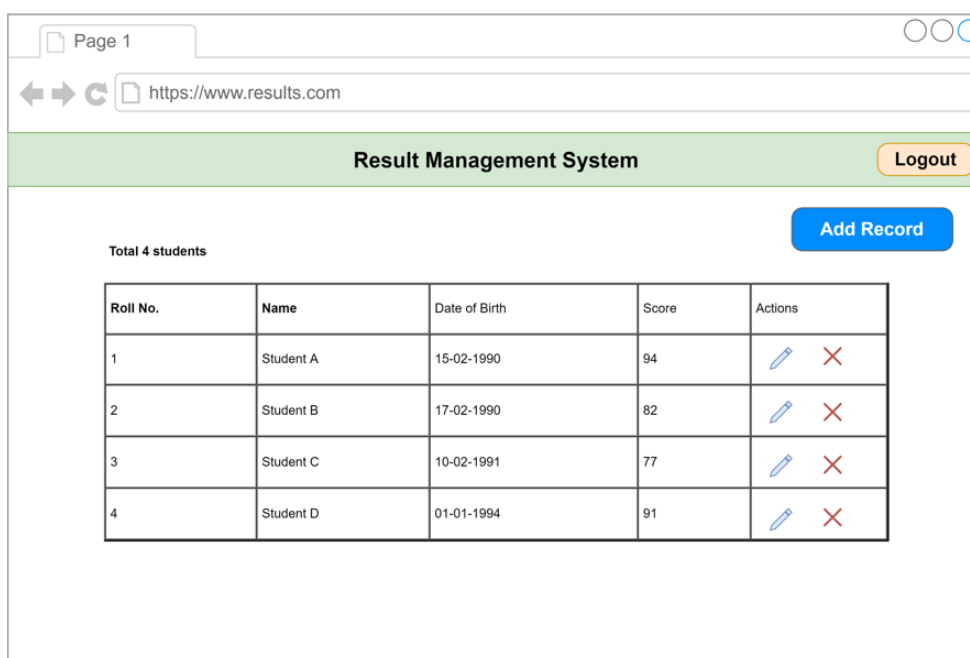
Result Management System   Logout

Back

Add New Result

Roll No. 123456

Name John Smith

Date of Birth john@smit.com

Score 500
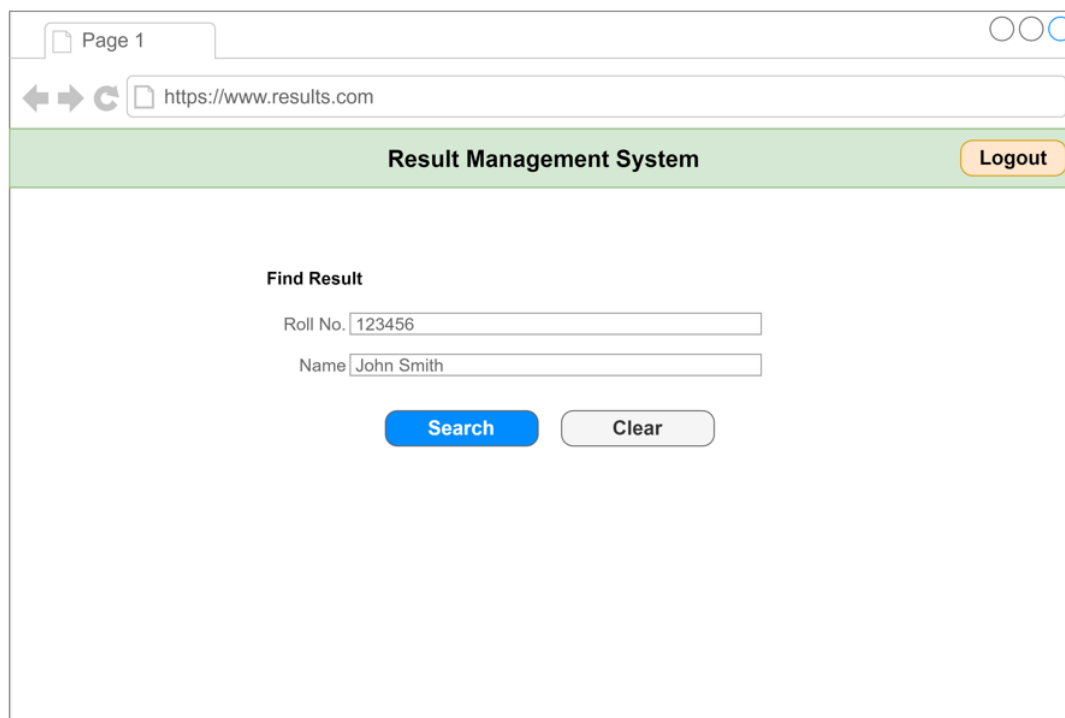
Submit   Clear

Student View:-

Result Management System   Logout

Find Result

Roll No. 123456

Name John Smith

Search   Clear

Result Management System Logout

Back

Result

Roll No. :   123456

Name :   John Smith

Date of Birth :   john@smit.com

Score :   500