

## Project Details: Develop a Dashboard Portal

- Requirement: Backend: Any Backend (Preference - PHP/ Node.js/ CoreJS/Python)

Frontend: Any Front End (Preference - React.js/Angular.js/JavaScript)

Database: MySQL or MongoDB

- Project case and database information:

- There are 505 students at W.E.-Matter University. All the students have appeared for 7 exams. A student can score credit from 1 to 5 for each subject.

If the average of all 7 subjects is more than 3.5 then the student is considered as passed or else failed.

- You need to use the dummy data of 505 students provided in excel and store it in MySQL and use API to connect to dashboards with the database.

### **Application:**

- Login page with forgot password option. When a user clicks on forget password a link should be sent to the register email id to change the password.

Note: Passwords should be encrypted

- The dashboard must have the following:

- Develop a donut chart to show break up of students who passed and failed

- Stack bar graph showing percentage passed and failed in each location.

- Create a filter with options like All and other locations in the file. For example, if a user selects Mumbai they can only see Mumbai data on the dashboard.

Candidates to evaluate the above project completely, understand the business requirement, create project prototype, coding, create a database and required tables, add or incorporate additional

tools/ methods/ class/ object/ functionality deploy the project locally and if required, candidates need to deploy the project on our server.

If you have any queries, please contact Saurabh Jain:

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