Web Programming Assignment (30 marks)

Deadline: 8TH December 2018

Submission Instructions:

You may research for answers on the Internet and refer to books, industry specialists etc.

Your answers should be crisp and to the point.

Provide the solution to this assignment in a Word/PDF document and upload to the following submission URL: https://classroom.github.com/a/sk77xkh3

Questions:

1. MongoDB vs Mongoose. Why are we using Mongoose package instead of MongoDB package? How would we perform CRUD operations using the MongoDB package? Give code examples for creating, retrieving, updating and deleting MongoDB documents. (8)
2. POST vs PUT. Why was POST used to update employee data in the Employees sample AJAX application? What happens if you replace POST with PUT? What difference does it make? (2)
3. PUT vs PATCH. Can PUT be used for partial updates e.g. in case of updating your name in an online university application form what method should be used? PUT or PATCH or anyone? Why? (2)
4. Where does React lie in comparison to AngularJS? Compare with respect to advantages and disadvantages. (4)
5. What is Vue.js? Where does Vue lie in comparison to React and AngularJS? Give examples.(4)
6. How is AngularIO different from AngularJS? Give examples.(4)
7. What is Linting? What is the use of JSLint? What is the use of ESLint? Give examples. (4)
8. Give an example where you would prefer to use AngularJS over AJAX and vice versa. (2)