**CSD 3103 Assignment 5**

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In this assignment, you are requested to ‘Node’ and ‘Node API’ to develop a server-side web-service that stores the information of employees. An employee is identified with first name, last name, ID, salary, working\_department and email address. In this assignment, you are required to use an array of JSON objects to serve as database in order to store the information of employees. Specifically, you are asked to:

1. Use MVC to design your application and provide a brief explanation about it. Draw a diagram for your MVC model and identify the components that contribute as Model, View and Controller.
2. Implement UI to input the employee information and use ‘POST’ method to transmit data from client to server
3. Develop a web-service to store the information of the employee in the JSON database. If the employee ID already exists in the database, the information of that employee should get updated in the database. Provide a document to represent the details of your web-service, e.g. end-point-interface, etc. Also, you are requested to submit the WSDL file for your web-service.
4. In your work, you are requested to use AJAX call in order to transmit the data to the web-service.

**To submit:**

Follow these steps to submit your work successfully:

1. Create a folder and name it as firstName\_lastName\_A5
2. Copy all files that you developed in this folder
3. Write down your information on top of this document and place it in the folder
4. Zip this folder and submit it through Moodle before the deadline