

Mark as done

Opened: Monday, 10 July 2023, 10:00 AM

Due: Monday, 10 July 2023, 12:00 PM

SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY ,Hinjewadi
Module End Lab Examination – Software Development Methodologies

Course Name :- PG-DAC

Batch - March 2023

Date :- 10-7-2023

Duration :- 2 hours

Instructions :

1. Create new workspace (folder) by the name SDM_<digit PRN> in home directory
2. Create new project and save it in above workspace.
3. You can use all necessary documents for help .

Question :

Create a simple Server using node & express and perform following Operation.

Employee_Tb --> (id (pk), e_name, email,password,emp_id,dname, doj)

1. GET --> Display All employees using e_name
2. POST --> ADD Employee data into MySQL table
3. DELETE --> Delete Employee from table by doj
4. Update --> Update dname and doj

1. Containerised above Node Server Using Docker and test it on postman
2. Do automation of Above Node application on your machine using Jenkins and take Following Screenshots
Screenshots expected ->
 1. Shell
 2. Git repo created
 3. Jenkins console (Build success message included)

Sr.No	Points to Cover	Max Marks
1	Fully running Node Server	20
2	Docker	10
3	Jenkins	10
	Total	40