

SSN College of Engineering, Kalavakkam
Department of Computer Science and Engineering
VI Semester - CSE 'B'
UCS1611 INTERNET PROGRAMMING LAB

Academic Year: 2021-2022

Batch: 2019-2023

Faculty: Dr. A. Beulah

Due Date: 18.4.22, 21.4.21

Exercise 4: Online Programming Skill Test (A Three-tier application Built Using Servlets and Database connectivity)

Develop an Online Programming Skill Test application, A Three-tier application Built Using Servlets and Database connectivity

Specifications:

1. Build a Signup and Login page using which the users are allowed to login only after authentication with their credentials stored in DB.
2. On successful login, the user is directed to the Event Registration form. Make use of the Event Registration form designed for Question 3a and on pressing submit button, do the following:
 - a. Store those details in the database
 - b. Redirect the user to the “Online Programming Skill Test Page”. (Call this page through the servlet program)
3. Display a min of 2 questions for each skillset (Programming skills from question 3a) from the DB with its respective choices.
4. Check the answers that are submitted by the user with the correct answers stored in the DB.
5. Display the total marks for each skillset in a new page. Use table structure to display the marks. Use CSS also to design this new page.

6. Draw the DB schema in your observation notebook that is needed for this experiment.

Mandatory concepts – Event handling, DOM.