

# PROFESSIONAL DEVELOPMENT PROGRAMMS - SLIIT

## WEB DEVELOPMENT PROGRAM

### FINAL PROJECT

DECEMBER 2020

**DEADLINE: 27<sup>TH</sup> DECEMBER 2020**

**MAXIMUM MARKS : 100**

#### INSTRUCTIONS TO CANDIDATES:

01. Read the questions carefully and answer all the question.
02. Create a folder and rename it as your “Registration number - Name” .  
EX: IT-WEB-XX-XX-00XX-Name
03. Create subfolder for each question and rename folders as “ Q1” , “Q2”
04. Save your answers inside these folders.
05. Use the Given Resources for each question.  
Resources / Instructions are given for the each question in resources folder.
05. Send your answers to ‘roshanmjayathunga@gmail.com’ on or before deadline.  
Subject of the email : WD Final Project - Reg No - Name

Q1 ) Create a **Responsive Website** based on the given UI Design using HTML,CSS, JavaScript and Bootstrap.

Add the project code into **GITHUB** and **Host** the application in GITHUB.

Add your Github project URL and Live Project URL into a textfile. (75 marks)

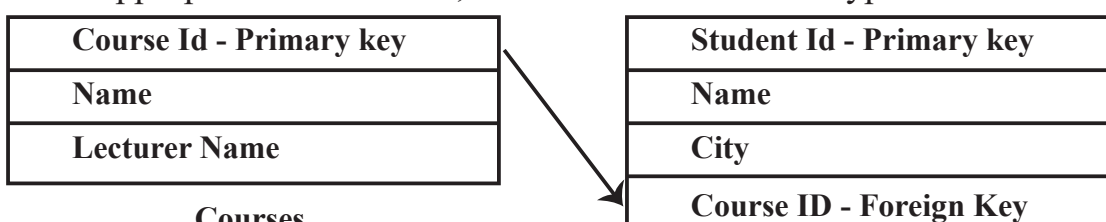
Q2 ) You are assigned to create a system to manage students information.

Create and use a Database called ‘StudentManagement’ for this question.

Add your answers (SQL Queries) into a text file. (25 marks)

i) Create two tables and add relationships based on following diagram.

Use appropriate table names, column names and data types.



Courses

Students

ii) Add Following Data into tables.

Course ID	Name	Lecturer Name
1	Web Development	M.M. Herath
2	Graphic Design	J.S.V. Piyasena
3	Mobile App Development	K.K.S. Dias
4	Java	U.H.S. Perera

Student ID	Name	City	Course ID
1	Kasun Gamage	Kandy	2
2	Daniel Sam	Jaffna	3
3	Hansi Silva	Colombo	1
4	Ranidu Heath	Matara	3
5	Praneeth Wijesinghe	Kandy	4
6	Nuwani Herath	Rathnapura	1

iii ) Get all the information of all Students.

iv) Select student id, name and city from students those who are from the 'kandy'.

v) Update the City as 'Galle' of the student who's id equals to 4 .

vi) Get all the information of all students with their course names.