CONFIDENTIAL

INDIVIDUAL PROJECT WORK
SEPTEMBER/OCTOBER SEMESTER 2020

BACHELOR OF COMPUTER SCIENCE (HONS.)
(IN COLLABORATION WITH IUKL)

SOFTWARE PROJECT MANAGEMENT
(CSC 2330)

MATRIC NO.   : ☐☐☐☐☐☐☐☐☐

IC. / PASSPORT NO. : ☐☐☐☐☐☐☐☐☐☐☐☐☐☐

LECTURER   : **SATYAM PAUDEL**

GENERAL INSTRUCTIONS

1. This question booklet consists of 2 pages including this page.
2. There is one **SECTION** in this question booklet.
3. Please submit project in **SOFT COPY FORMAT** in A4 size paper.
4. **The DEADLINE FOR SUBMISSION is on 1ST FEBRUARY.**
5. **Presentation Week: 2nd Feb-12th Feb**

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Software Project Management Individual Report

An organization would like you to lead a Web site development project. The Web site should include the following information, as a minimum: description of the organization (mission, history, and recent events), list of services, and contact information. The organization wants the Web site to include graphics (photographs and other images) and have an attractive, easy-to-use layout.

1. *Project Scope Management*
Create a WBS for this project. Create milestones and summary tasks. Some of the specific analysis, design, and implementation tasks will be to:

a. Collect information on the organization in hardcopy and digital form (brochures, reports, organization charts, photographs, and so on).

b. Research Web sites of similar organizations.

c. Collect detailed information about the customer's design preferences and access to space on a Web server.

d. Develop a template for the customer to review (background color for all pages, position of navigation buttons, layout of text and images, typography, including basic text font and display type, and so on).

e. Create a site map or hierarchy chart showing the flow of Web pages.

f. Digitize the photographs and find other images for the Web pages; digitize hardcopy text.

g. Create the individual Web pages for the site.

h. Test the pages and the site.

i. Implement the Web site on the customer's Web server.

j. Get customer feedback.

k. Incorporate changes.

l. Create training materials for the customer on how to update the Web pages.

m. Train the customer's staff on updating the Web pages.

2. *Project Time Management*
Enter realistic durations for each task, and then link the tasks as appropriate. Be sure that all tasks are linked (in some fashion) to the start and end of the project. Assume that you have four months to complete the entire project.

 Prepare the Gantt Chart and Network Diagram for the project.

3. *Project Cost Management*

Prepare appropriate the budget report for your project assuming 3-5 people needed for this project.

4. *Project Risk Management*

Identify potential risks for this project and be sure to list some negative and positive risks. Provide a detailed description of each risk and propose strategies for addressing each risk. Document your result in short paper.

5. *Project Communications Management*

Prepare a "To-do List" report for each team member.

Create a "Who Does What Report".

- Complete all tasks for your chosen individual project
- Include the following sections in your paper
  - o Project charter
  - o Scope statement
  - o WBS
  - o Gantt chart and Network diagram
  - o Budget report
  - o Risk assessment
  - o Project communication plan