

1st sit COURSEWORK Question Paper:

Autumn Semester 2025

Module Code: CC4057NI/CC4058NI

Module Title: Introduction to Information Systems

Module Leader: Ms. Nabina Rijal / Mr. Pratik Panta

Coursework Type: Group

Coursework Weight: This coursework accounts for **60%** of your total module grades.

Submission Date: Milestone 1 | Friday, January 16, 2026
Final Submission | Friday, January 30, 2026

When Coursework is given out: Week 6

Submission Instructions: Submit the following to Itahari International College MST Portal before 01:00 PM on the due date:

- **Soft copy of the report (.pdf format)**
- **Zip file with source code of the program**

Warning:

London Metropolitan University and Itahari International College Kathmandu take Plagiarism seriously. Offenders will be dealt with sternly.

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PLAGIARISM

You are reminded that there are regulations concerning plagiarism. Extracts from these regulations are printed overleaf. Please sign below to say that you have read and understand these extracts:

Extracts from University Regulations on Cheating, Plagiarism and Collusion

Section 2.3: *“The following broad types of offence can be identified and are provided as indicative examples*

- . *Cheating: including taking unauthorized material into an examination; consulting unauthorized material outside the examination hall during the examination; obtaining an unseen examination paper in advance of the examination; copying from another examinee; using an unauthorized calculator during the examination or storing unauthorized material in the memory of a programmable calculator which is taken into the examination; copying coursework.*
- . *Falsifying data in experimental results.*
- . *Personation, where a substitute takes an examination or test on behalf of the candidate. Both candidate and substitute may be guilty of an offence under these Regulations.*

- . *Bribery or attempted bribery of a person thought to have some influence on the candidate's assessment.*
- . *Collusion to present joint work as the work solely of one individual.*
- . *Plagiarism, where the work or ideas of another are presented as the candidate's own.*
- . *Other conduct calculated to secure an advantage on assessment.*
- . *Assisting in any of the above.*

Some notes on what this means for students:

1. Copying up another student's work is an offence, whether from a copy on paper or from a computer file, and in whatever form the intellectual property being copied takes, including text, mathematical notation, and computer programs.
2. Taking extracts from published sources *without attribution* is an offence. To quote ideas, sometimes using extracts, is generally to be encouraged. Quoting ideas is achieved by stating an author's argument and attributing it, perhaps by quoting, immediately in the text, his or her name and year of publication, e.g. " $e = mc^2$ (Einstein 1905)". A *reference* section at the end of your work should then list all such references in alphabetical order of authors' surnames. (There are variations on this referencing system which your tutors may prefer you to use.) If you wish to quote a paragraph or so from published work then indent the quotation on both left and right margins, using an italic font where practicable, and introduce the quotation with an attribution.

School of Computing, FLSC

Contract cheating

Contract cheating (also known as assessment outsourcing, commissioning or ghost writing) is when someone seeks out another party, or AI generator service, to produce work or buy an essay or assignment, either already written or specifically written for them or the assignment to submit as their own piece of work.

Contract cheating undermines the integrity of the academic process and devalues the qualifications awarded by the university. Students are reminded that academic integrity is a fundamental principle of our institution. Engaging in contract cheating not only impacts the individual's academic record but also the reputation of the university.

Students are encouraged to seek support if they are struggling with their coursework. The university offers a range of resources, including academic counseling, tutoring services, and workshops on study skills and time management. Utilizing these

resources can help students achieve their academic goals without resorting to dishonest practices.

Penalty:

- Failure in the Module: The student must re-register for the same module, and the re-registered module will be capped at a bare pass.
- Ineligibility to Continue on the Course: Where re-registration of the same module, or a suitable alternative, is not permissible, the student will not be able to continue on the course. Additionally, the following penalty will be applied to the student's final award:
 - Undergraduate Honors: The student's final classification will be reduced by one level.
 - Unclassified Bachelors: Downgraded to Diploma in Higher Education.
 - Foundation Degree: Distinction downgraded to Merit; Merit downgraded to Pass; Pass downgraded to Certificate in Higher Education.
 - Masters: Distinction downgraded to Merit; Merit downgraded to Pass; Pass downgraded to Postgraduate Diploma.

Reporting and Consequences:

Instances of contract cheating will be thoroughly investigated, and students found guilty will face the penalties outlined above. It is the responsibility of every student to ensure that their work is their own and to avoid situations that could lead to accusations of academic misconduct.

By adhering to these standards, students contribute to a fair and equitable academic environment, ensuring the value and recognition of their qualifications are maintained.

For this coursework, the students are required to design and develop a multi-page static website for a store called EcoMart, which sells sustainable lifestyle products such as bamboo bottles, organic tote bags, and reusable kitchen items. The website will also share articles on eco-friendly living and summaries of sustainability research. Through the coursework, students should be able to demonstrate their:

1. Understanding of the basic Internet technologies and the impacts that the Internet has made in their daily lives.
2. Competency in designing a website with appropriate tools and technologies.
3. Capabilities of applying scripting languages to web pages.
4. Understand the structure of the website and simple navigation principles.
5. Awareness of website design considerations: e.g. usability and accessibility.

The guidelines for the **Website** are given below:

- Students are required to create an e-commerce website for a store that sells various types of sustainable lifestyle products with at least 5 web pages. The requirements of the different web pages have been mentioned below.
 - Brief description of the contents present on different webpages can be included on the Home page.
 - Blog page can contain a demonstration about how technology has affected daily life and business.
 - Different products with the product name, price (Discounted and actual price), description, and other suitable details can be included within the product page.
 - Research section should display and contrast the components used by the student on their website against the website that is investigated for research purposes. Here, include at least 5 different web pages as references for the website. (Hint: investigate peculiar web components that their website possesses more than others)
 - The About Us section comprises the detailed portfolio of each team member of the group. A portfolio can contain technical and soft skills, educational background, volunteering experience, certifications, etc.
 - Functional form should also be included on the website.
- Website needs to be consistent with a proper navigation bar, allowing the user to fully navigate to all the sections of the webpage.

- Technologies to be used: HTML5, CSS3 and JavaScript.
- There also needs to be proper use of html tags such as title, meta, img, table, div, form and should implement proper tag nesting.
 - There needs to be proper usage of attributes and comments.
 - All the code should also be properly formatted and structured well.
- Internal, inline and external CSS should be used.
 - Proper justification for the usage of different CSS.
 - Comments should be present before all the major CSS element targets.
- JavaScript should be used to dynamically change the content of the website and do other tasks such as form validation.
- The HTML, CSS, JavaScript, and image files need to be properly site structured with proper naming convention.
 - Storage of files should be in proper folder structure.
- Comments should be included in every file.
 - Functions in JavaScript and logical division/separation in HTML documents must be well-explained with comments.
- Code should be well-structured.
 - Presence of all the elements of a basic HTML document.

The guidelines for the **Documentation** part are given below:

- Components should include a cover page, table of contents, figures and tables, and footer.
- The report must have an **Introduction** section introducing the different aspects of the project. The goals and objectives of the project should be included as well.
- The report should present the design, specifications, and implementation of the website. The wireframes and screenshots of the website should also be included.
- The report must have a **Testing** section, with suitable testing type and test cases. (minimum 5 test cases required)
- Also, the report must include a **Conclusion** section where they need to reflect on the work done.

NOTE: The technicality of the website will be judged during the presentation/VIVA of the website and marked accordingly. If the student cannot justify his/her coursework, then the coursework will be subject to further inquiry.

Marking Breakdown for Coursework	
Criteria	Total Marks
Introduction	5
Wireframes	5
Development	
3.1 HTML	
Should include tags such as table, div, meta, image, form, etc.	5
Should use attributes, comments, and well-structured code	5
3.2 CSS	
Should use internal CSS	3
Should use inline CSS	3
Should use external CSS	3
Should use comments	1
3.3 JavaScript	
Should show creativity and use comments	2
Should use at least 1 function	3
Should use at least 1 pop up feature	2
Should dynamically change the content in the site	3
Content/Design of website	
Should show the impact of technology in blog section	2
Should include Products Page	4

About Us	5
Overall design	4
Should have at least 1 working form	5
Research section	5
Testing	5
Conclusion	5
Report Structure and Formatting	5
Presentation	20
Total:	100