

Semester Project (20 Marks)

Course: **E-Commerce Technologies**

Class: **BSIT-6th**

Course Instructor: **Mr. Mubashir Ali** – Lecturer (Department of Computer Science)

INSTRUCTIONS

1. You are allowed to **consult** the online material in preparation of these deliverables but you should refine it and write it into your own English otherwise you would lose your marks.
2. Do not copy and paste. Copy and pasted material from any source will be awarded zero marks.
3. Please use a 12-point font in Times New Roman or Arial.
4. The project covers your E-commerce, marketing as well as HRM concepts
5. This project fulfills your E-Commerce course objectives
6. Last date for the Submission of the first deliverable is **Jan. 25, 2018**.
7. Template of deliverable 01 is provided into this file
8. Deadlines as well as templates of other deliverables would be provided later on when these would be assigned to you

OBJECTIVES:

- Enabling the students for writing proposals
- Preparing the students for implementing and realizing their ideas in E-Commerce
- Understanding the procedures of online business
- To make the students efficient in globalizing their business via internet
- For getting awareness regarding the development of websites

There are following four deliverables which you would have to submit in this semester accompanying with different deadlines.

1. Proposal (Document)
2. Complete Website (URL like <http://www.mc00000000xx.com>)
3. PPT slides of Presentation

DELIVERABLE #01: (ITS DEADLINE IS **25 JAN, 2018**)

(05 MARKS)

Proposal of project (Follow the given template of proposal)

I. Proposal Template

1. Abstract: (In paragraph form)
 - a. Which product or service you have selected for online business?
 - b. Why do you want to do your business online?
 - c. Your website is product focus or customer service focus
 - d. Importance of online business
 - e. Potential benefits that you would drive from this kind of business.
2. Preliminary Problem Statement and Solution
 - a. Problem description
 - b. Solution
3. Feasibility Study
 - a. Budget

- b. Resources
- 4. Cost of project
 - a. Direct Cost
 - i. Requirement Specification Cost
 - ii. Design cost
 - iii. Development Cost
 - iv. Hosting Cost
 - v. Maintenance Cost
 - b. Indirect Cost
 - i. Other than above cost
- 5. Cost and Benefit Analysis (CBA)
 - a. Give a proper weightage to each benefit
 - b. Benefits should be more than cost then it is feasible to more further
- 6. Payback Period
 - a. Initial investment/ Cash flows
- 7. Human Resources
 - a. Outsourcing of the project
 - b. In house development (it is appreciated)
 - i. Human Resources like Designer, Developer etc
- 8. Impact on the business
- 9. Time Frame
 - a. Start and End date of the project
 - b. GANTT Chart using Microsoft Project Management
 - c. PERT chart with CPM (optional)
 - d. Schedule for Project regarding tasks distribution (Post .jpeg image)
- 10. Support services / Dependencies
 - a. Internet connection Type
 - b. Computer systems Specification (optional)
 - c. What type of Networking Equipment is required? (optional)
 - d. What type of skill Training is required for Employees?
- 11. Conclusion (Summary / Rationale)

DELIVERABLE # 02: (ITS DEADLINE AND TEMPLATE WOULD BE PROVIDED LATER ON)

(10 MARKS)

Complete website URL like <http://www.bc0000000455.com>

DELIVERABLE # 03: (ITS DEADLINE AND TEMPLATE WOULD BE PROVIDED LATER ON)

(05 MARKS)

PPT slides of Presentation.

NOTE:

Please you get practical experience of market in this regard and chose a product or service which has potential need into the current market and then proceed in accordance with the instructions provided as well as deliverables. Further, you can choose any already running system of an organization regarding purchasing, selling, trading etc. and analyze it and identify the problems and propose an E-commerce\ E-business solution.