UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER II
SESSION 2014/2015

COURSE NAME   :   WEB PROJECT MANAGEMENT

COURSE CODE   :   BIW 30503

PROGRAMME   :   3 BIW

EXAMINATION DATE   :   JUNE 2015 / JULY 2015

DURATION   :   3 HOURS

INSTRUCTION   :   ANSWER **ALL** QUESTIONS

THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

Q1   (a)   Predict what would happen if there is no version control of the Project Specification Document (PSD) to the team members and client during the project development?

(8 marks)

(b)   Identify **TWO (2)** consequences for not specifying functional specification in details in the PSD.

(4 marks)

(c)   When doing specification for a server for web project, there are number of things that need to be consider such as the size of the server's memory and type of operating system to be used. Identify **FOUR (4)** of them and explain why we need to go such into details?

(8 marks)

(d)   The following are the list of risks that may experience in a web project development. Identify the impact and what are the control measurement that can be taken to minimize the risk's impact to the web.

(i)   Site is not accesible for launch date.

(ii)   Scripts error on out-of-scope browser.

(iii) Site perform very slowly.

(6 marks)

Q2   (a)   During project clarification phase, there are many questions need to be ask to get detail requirements from client. The following are the example of questions commonly asked. Explain the purpose for each of these questions.

(i)   What level of security are you expecting of the system?

(ii)   How fast are internal networks and what is your Internet connectivity like?

(iii) How important is it that existing staf are able to update content on the website? What level of technological skills do those people currently have?

(iv)   Do you proposed to have user-generated content on the site? How will you monitor this content?

(12 marks)

(b)   Some of the web projects are using outside experts to get the content for the website. Explain **TWO (2)** actions that need to be taken by the project manager when the expected content cannot be derived on time.

(4 marks)

(c)   Specify **TWO (2)** measurement controls that can be taken to minimize the risks or losses for getting the content late from schedule.

(4 marks)

Q3   (a)   Regular meeting is one of the way of communication channel in an organization. Identify **THREE (3)** importances of meeting in a project development.

(6 marks)

(b)   As the project manager, one of your roles is to conduct an effective meeting in order to produce good output from the meeting. List **SIX (6)** things you need to specify before the meeting in order to conduct an effective meeting.

(6 marks)

(c)   You are working in a web development project for ABC company corporate website. Choose **TWO (2)** methods that you may use to present work-in-progress to your client and explain your selection.

(4 marks)

(d)   There are some common problems that will experience by client during work-in-progress. Identify **FOUR (4)** problems that commonly associated with the web browser.

(4 marks)

Q4   (a)   Before the launching of the website, you need to ensure to take all necessary launch precaution to protect against unwanted problems. Identify why the following are important to be checked before the launching.

(i)   Search engines

(ii)   Domain name server

(iii)   Meta tags

(iv)   Internet Service provider

(8 marks)

(b)   Identify type of testing based on the following description:

(i)   This testing is performed to prove that an application meets specified requirements.

(ii)   Go through the entire site to make sure that everything worked as expected, without causing error messages, crashes or unexpected behavior.

(iii)   Involves everything that happens after user left the site, or as a results of user interaction with the site.

(iv)   Involves stress testing both the programming technologies used on the site plus hardware capacity of the system.

(4 marks)

(c)   Explain **TWO (2)** ways you can conduct a load testing on a website.

(4 marks)

Q5   (a)   After project has been completed, the site needs to be maintained to ensure it's functionality. Your client has asked you what are the maintenance tasks that can be done by internal maintenance team. Identify **FOUR (4)** example of tasks that can be carried out by this team.

(4 marks)

(b)   The following are among the data that can be used as the indicator of the website performance. However there are things to consider before accepting these data as correct. Explain the fallacy that can occur in each of these data which make them become unreliable.

(i)   Number of hits.

(ii)   Number of unique users.

(iii)   Number of page impression.

(iv)   Average user session length.

(8 marks)

(c)   Quantitative data are tangible but do not necessarily give any answers related to the site's performance. Suggest **TWO (2)** methods of conducting qualitative measurement to get the client views on the website and explain why you choose each of the method.

(6 marks)

- END OF QUESTION -

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