



UNIVERSITI KUALA LUMPUR CITY CAMPUS
MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

Name of Course	RESEARCH METHODOLOGY	Course Code	IDB 30102
Lecturer	PROF. DR. SHAMSUL ANUAR MOKHTAR	Semester / Year	JULY 2021

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Assignment 1a	Mapped to: Topic 1	Mapped to: CLO 1	50 marks (10%)	Week 2 - 3
This assignment is an individual assignment. Marks will be deducted significantly for any form of suspected plagiarism or similarities with other student's work.				
Course Learning Outcomes: Upon completion of this course, students should be able to: CLO1: Analyse the needs to explore the material related to the research topics. CLO2: Evaluate literature review to find gaps and opportunities. CLO3: Propose a research methodology. CLO4: Demonstrate ethical behaviour in conducting research.				

QUESTION SHEET

INSTRUCTIONS

1. This assignment is an individual assignment. Marks will be deducted significantly for any form of suspected plagiarism or similarities with other student's work.
2. Use this MS Word document to answer the questions.
3. Check for grammar. You may use any grammar checking tool.
4. Do not exceed the maximum number of words for each question. Use the MS Word count functionality.
5. You must submit in the MS Word document (do not convert to PDF). Rename the filename to **Assignment1a-YOUR FULL NAME** (e.g., Assignment1a-SHAMSUL ANUAR MOKHTAR).
6. Late submission after the deadline will be deducted 10 marks per day or part thereof. The submission link closes 2 days after the deadline.

QUESTIONS (50 MARKS)

Question 1

Identify and suggest a **RESEARCH TITLE FOR A FINAL YEAR PROJECT (FYP)** related to your programme of study. If you have not started your FYP this semester, think of a possible FYP title. Construct the title so that it is descriptive in the aspect of the technology used in the application/system (e.g., web, mobile, hybrid, etc.), the main functionality (e.g., management of online academic content, simulation of Chemistry experiments, etc.), and other aspect that makes it focused on specific level or target users (e.g., for a particular country, organization, business, community, group of users, etc.). The maximum number of words in the title is 15 words.

(10 marks)

Question 2

Construct a **SYNOPSIS OF THE PROPOSED APPLICATION/SYSTEM** in terms of what it does, who the potential users are and how it will benefit them. The maximum number of words in the synopsis is 300 words.

(15 marks)

Question 3

Explain **HOW UNDERTAKING THE RESEARCH PROJECT MAY BENEFIT YOU AS A STUDENT** in UniKL. You must be able to relate your proposed project to the benefits that you may gain in terms of personal development related to your programme of study. Your writing must be in point form, but with good elaboration of the points. You must include at least FIVE MAJOR POINTS. The maximum number of words is 500 words.

(25 marks)

END OF QUESTION

ANSWER SHEET

Question 1

PC BUILDING WEBSITE FOR SMALL BUSINESS ENTERPRISE.

Question 2

PC Building Website is the activity of building a custom desktop using parts selected by customer using the website. Custom Desktop or PC is usually built by shop technician following the description of customer. Parts selected usually consist of mixed brands. Some are cheaper than other while some are more reliable than other. The potential user for this application is technician and customer. The website will help technician in technical related activities including repairing and building PC using the description made by customer on the website. Furthermore, customer will also benefit from the system as it will help them decide parts and finds out whether the parts are compatible or not and provide brief quotation of the products price.

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Question 3

- By working on this title, I will be able to learn and hone my skill in developing website using PHP and HTML, while also learning new things such as JavaScript and website deployment.
- As a software engineering student, I find myself lacking in the creative department and thus by working on this title should boost my creativity in designing the UI & UX of the website.
- One of my goals in life is to create a product that would help other small businesses grow and I see this project as a tool to help small businesses owner to grow their business by having at least an e-commerce website.
- PC related activity is my hobbies and passion thus by working on this project will motivate me further in completing this assignment.
- Working on this project will provide me with new experience in developing project because I have no prior knowledge in website development.
- This project will also give me the opportunity to use my previous knowledge I learn during studying at UniKL.