SCHOOL OF COMPUTING
FACULTY OF ENGINEERING
UNIVERSITI TEKNOLOGI MALAYSIA

PSM 1 (SCSx 3032)
PROJECT PROPOSAL FORM

Session/Semester: ……2022/2023 - 2……….……

Instruction: Please complete and submit this form to the departmental PSM committee. The proposal must be reviewed by the supervisor before submission.

SECTION A: STUDENT INFORMATION

Name	Islam Mohammed Ruzhan		
Year/Course	**3SECJ**		
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Proposal No. | 1 | *(Please follow your preference. Proposal No. 1 – the highest priority, followed by Proposal No. 2 Each student may propose a maximum of 2 topics).*

SECTION B: PROJECT DETAILS

Supervisor Name:	Dr Mohd Shahizan bin Othman
Project Title:	Research grant profiling for staffs of Faculty of Computing

Problem Background and Proposed Solution:
A grant is financial assistance that is provided to work on research or a project through a competitive process. A student doing research in something related to the welfare of science and humanity can have a grant allocated by the supervisor. UTM is one of the leading research universities in the world. So, it generates a lot of funding for that research. A researcher can also get more than one fundings for different projects. For this, due to the huge amount of researchers and huge fundings, it is sometimes difficult to manage the grants. The researcher has to be accountable to the organization that provides the grant. So, grant management is a necessary tool that is required by a university or a research center.

The Grant Management system for the Faculty of Computing will be such a system where the details of the grants received by the staff will be displayed along with the respective projects, the

period of the grant, if the grant is local or international and also the organization providing the grant. From that website, the users, the students and the faculty staff can get an idea of who is getting the most grants, monitor grant expenses, which topics are getting more grants and if the grant is national or international.

Objectives:
- To manage research grants received by the staffs of Faculty of Computing
- To monitor the distribution of grants.
- To identify which research area got the highest number of grants.
- To identify the maximum amount of grant received by the faculty.
- To identify the funding agency that provided the most fundings.
- To identify the type of grants received by the staff.

Scopes:
- The website will analyze the grants received by Faculty of Computing staff only.
- The UI will be user friendly, and it will contain visual representation of the analysis.
- The data will be displayed in the form of graphs.
- The website will only show aggregate statistics; individual grant information won't be disclosed.

Project Requirements:

Software : ……Visual Studio Code, Github, Ms Excel………..……………

Hardware : ……Computer, Keyboard, ………………………………………………….………………

Technology/Technique/Method/Algorithm : ……Python, NodeJs, SQL/MongoDB …………………

Network Elements : …WIFI, Cellular Data……………………………..………………

Security Elements : …………………………………………………….………………

Project Type: *(Please tick one)*

[✔] System Development

[ ] Research

Project Area:

Area : ……Web Development………………………..………...

(e.g.: *Security – Cryptography*)

SECTION C: STUDENT ACKNOWLEDGEMENT

I confirm that this project is:

[ ] My own idea

[✓] Proposed by the supervisor…………………………………………………...

Date: ……5/4/23………… Student Signature:

Ruzhan.

……………………...

SECTION D: SUPERVISOR ACKNOWLEDGEMENT

I ………………………………………………………………………… confirm that I have reviewed this student's project proposal and therefore agree for the proposal to be submitted for evaluation.

Date **:** ………………………… Signature **:** …………………
Official Stamp

SECTION E: EVALUATION PANEL APPROVAL

Outcome:
[   ] Full Approval
[   ] Conditional Approval (Minor)
[   ] Conditional Approval (Major)
[   ] Fail

Notes (*Please state reasons for conditional or failed approval*)
……………………………………………………………………………………………
……………………………………………………………………………………………

Evaluation Panel:

1. …………………………………………..
2. …………………………………………..

Date: ……………………… Signature: …..…………………………
Name: …..…………………………….

SECTION F: FOR FACULTY COMMITTEE ONLY

Date Received: ……………………………….

Signature : ……………………………. (Official Stamp)