SWE4949 A SEM 2 2023-2024 Proposal Template

The proposal template consists of elements in the table. The style and format are given below.

Style and Language

• Font type : Arial (Bold For Thesis Title)

Font size : 12

English

Format

• Left margin = 40 mm

• Right margin, top, bottom = 25 mm

Spacing

2 for each sentence

4 for each paragraph

1 for footnotes, references, tables, figures, appendixes, headings and sub-headings

Element	Sections	Content
Α	Cover page	
		UPM Logo
		Department name
		Faculty
		Semester
		SWE4949 (A/B)
		Proposal report for
		FYP Title
		Author full name and matric number Supervisor name (industry if allpicable)
		Date
В	Abstract	Bahasa Melayu and English Language
	Table of contents	Chapter 1 Introduction
		Chapter 2 Literature Review
		Chapter 3 Methodology
		Chapter 4 Project Planning

		Chapter 5 Expected results Chapter 6 Conclusions References Appendixes
В	Body	
	Chapter 1 Introduction	Overview Problem statement Objectives Scopes
	Chapter 2 Literature Review	Overview Sub-headings related to your project and advised by supervisor. Comparison of previous system/app/works. Table of matrix Summary
	Chapter 3 Methodology	Overview Explains what you did and how you did it, allowing readers to evaluate the reliability and validity of the research[Requires sub-headings that suitable with the app criteria] [This chapter must correspond with the app/system criteria that you want to develop]
	Chapter 4 Project Planning	Provide Gantt chart that involves in SWE4949 A and B. The project planning must also map with Chapter 3 (especially the activities involved).
	Chapter 5 Expected results	Expected results Use-case diagram (Ver 1.0-Remember your SRS has drafts.) System functionalities
	Chapter 6 Conclusions	
С	References	Refer either APA or IEEE format
D	Appendixes	If applicable



FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
DEPARTMENT OF SOFTWARE ENGINEERING
UNIVERSITY PUTRA MALAYSIA
SEMESTER 2 2020/2021

SSE4949A BACHELOR PROJECT

PROPOSAL REPORT FOR

CONSTRUCTION CHATBOT IOT(CCI) – CHATBOT AND IOT IN CONSTRUCTION SITE ACTIVITES

BY

IYLIA YASMIN BINTI SHAMSUL 195890

SUPERVISORS:

DR AZRINA KAMARUDDIN (UPM)

DR. MUHAMMED DZULKHIFLEE HAMZAH (HILTI)

DATE: 30 JULY 2021

Table of Contents sample

Table of Contents

CHAPT	R 1 INTRODUCTIO	N		
1.1	Abstract			
1.2	Problem Statements			
1.3	Objectives			
1.4	Project Scopes			
CHAPT	R 2 LITERATURE F	REVIEW		
2.1	Overview			
2.2	Construction Industry			
2.3	Internet Of Things (IoT)			
2.4	Chatbot			
2.4	1 How Chatbot W	orks1		
2.4	2 Type of Chatbo	11		
2.4	3 Chatbot Compa	rison Matrix1		
2.5	Framework	1		
2.5	1 Dialogflow	1		
2.5	2 Wit.Ai	1		
2.5	3 Amazon Lex	1		
2.5	4 Azure Bot Servi	ces		
2.5	5 Framework Con	nparison Matrix		
2.6	Machine Learning	2		
2.6	 Natural Langua 	ge Processing (NLP)2		
2.6	2 Sequence to Se	equence Model Algorithm2		
2.6	3 Pattern Matchin	g Algorithm2		
2.6	4 Naïve Bayes Al	gorithm		
2.7	Existing System	2		
2.7	 Archisnapper W 	eb Application		
2.7	2 Chatbot-assiste	d Construction Daily Report Data Management System 2		
2.7	3 BIOT			
2.7	4 Existing System	Comparison Matrix		
CHAPTER 3 METHODOLOGY		SY2		
CHAPT	R 4 PROJECT PLA	NNING2		
CHAPT		SULTS		
5.1	Expected Results	3		
5.2 Us	e Case Diagram	30		
5.2.1	System Functionalit	ies		
CHAPTER	CONCLUSIONS	32		
CHAPTER 7 REFERENCES 33				