



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SECJ3553-07 KEPINTARAN BUATAN (ARTIFICIAL INTELLIGENCE)

ASSIGNMENT 3

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SECTION:	07
TASK:	ASSIGNMENT 3
LECTURER:	ROHAYANTI BINTI HASSAN

Performance Measure	<ul style="list-style-type: none"> • The primary goal of the AI chatbot is to provide accurate and helpful information to college students regarding campus facilities and services. • Performance can be measured based on factors such as: <ul style="list-style-type: none"> ○ Response time: How quickly the chatbot can provide answers to student queries. ○ Accuracy: The percentage of correct responses to user questions. ○ User satisfaction: Feedback and ratings from students using the chatbot. ○ Reduction in the number of student complaints and grievances related to campus facilities. ○ Efficiency in assisting students with finding information about campus resources.
Environment	<ul style="list-style-type: none"> • The environment in which the AI chatbot operates is the college campus. • The environment includes physical facilities, campus resources, schedules, and various services available to students. • The chatbot interacts with students who have questions and concerns related to the campus environment.
Actuators	<ul style="list-style-type: none"> • Actuators are the components through which the chatbot can interact with the environment and perform actions. • In the case of an AI chatbot for college facilities, the actuators may include: <ul style="list-style-type: none"> ○ Text-based response interface for communicating with students. ○ Integration with campus databases or systems to fetch real-time information. ○ The ability to send notifications or reminders to students regarding facility-related matters.

	<ul style="list-style-type: none"> ○ Access to campus maps or navigation tools to assist students in finding their way around.
Sensors	<ul style="list-style-type: none"> ● Sensors are the components through which the chatbot perceives and gathers information from the environment. ● For the AI chatbot in a college environment, sensors may include: <ul style="list-style-type: none"> ○ Text input from students in the form of questions or requests. ○ Access to databases and APIs to retrieve data about campus facilities and services. ○ Feedback mechanisms to collect user ratings and comments. ○ Real-time updates on campus events, schedules, and changes in facility status.

PEAS MODEL :

KTDI FACILITIES CHATBOT

