



THE UNIVERSITY OF THE WEST INDIES, ST AUGUSTINE  
COMP 2603 OBJECT ORIENTED PROGRAMMING 1  
ASSIGNMENT 1 GRADE SHEET  
2023/2024 SEMESTER 2

John Doe

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20%

CRITERIA	MARK
ChatBot Generator	
ChatBot	
ChatBotPlatform	
ChatBotSimulation	
Bonuses	5, 15
TOTAL	20

COMMENTS FROM THE MARKER
Needs Improvement

## PROGRAM

TEST	RESULT	MARKS
Compiles successfully		5
Runs successfully		10
Passes all test perfectly	Fail	10

## CHATBOT GENERATOR

TEST	RESULT	MARKS
generateChatBotLLM is static		1
Returns 'LLaMa' for code 1		1
Returns 'Mistral7B' for code 2		1
Returns 'Bard' for code 3		1
Returns 'Claude' for code 4		1
Returns 'Solar' for code 5		1
Returns 'ChatGPT-3.5' for invalid codes		1

## CHATBOT SIMULATION

TEST	RESULT	MARKS
Starts with 'Hello World!'		1
ChatBotPlatform is initialized		1
All ChatBot models present		2
Initial summary statistics present		1
Correct initial summary statistics		1
At least one chatbot interaction		1
Response message from chatbot		1
Incorrect bot number interaction		1
15 interactions with ChatBots		1
Final summary statistics present		1
Correct final summary statistics		1

## CHATBOT PLATFORM

TEST	RESULT	MARKS
ChatBotPlatform constructor		1
Bots collection is private		1
Bots collection is initialized		1
Bots is ArrayList<ChatBot>		1
One ChatBot added		1
Multiple ChatBots Added		1
Bots count increments		1
Limit check successful		1
No ChatBots added after limit		1
Bot numbers in ChatBot list		1
Bot names in ChatBot list		1
Message counts displayed		1
Total messages used displayed		1
Remaining messages accurate		2
Valid bot interaction		1
Invalid bot interaction, negative index		1
Invalid bot interaction, out-of-range index		1
Invalid bot interaction, index is list size		1
Interaction after daily limit reached		1

## CHATBOT

TEST	RESULT	MARKS
chatBotName attribute is private, String		1
numResponsesGenerated attribute is private, int		1
messageLimit attribute exists		1
messageLimit attribute is private, static, int		1
messageLimit is set to 10		1
messageNumber attribute exists		1
messageNumber is static, private and set to 0		1
Default ChatBot constructor		1
Default ChatBot name is 'ChatGPT-3.5'		1
Initial response count set to 0		1
Overloaded constructor		1
Sets appropriate name for valid LLM codes		1
Set name to 'ChatGPT-3.5' for invalid LLM codes		1
getChatBotName returns correct name		1
numResponsesGenerated increases after prompt		1
getTotalNumResponsesGenerated is static		1
getTotalNumResponsesGenerated is static		1
getTotalNumMessagesRemaining is static		1

TEST	RESULT	MARKS
Total remaining messages is correct		1
Total remaining messages reached zero		1
limitReached is static		1
limitReached initially returns false		1
limitReached returns true at message limit		1
generateResponse is private		1
generateResponse increments numResponsesGenerated and messageNumber		1
generateResponse returns String		1
Generated response matches format		1
Generated response has unique message number		1
toString includes 'ChatBot Name' header		1
toString includes bot name		1
toString includes 'Number Messages Used' header		1
toString includes correct number of responses generated		1
prompt returns string with 'Response from'		1
Response counters update correctly		1
prompt returns appropriate response when message limit is reached		1
Generated response and remaining message counters stay consistent		1