

**CATEGORY OF INNOVATION:
CREATIVE AND INNOVATIVE
IDEAS**



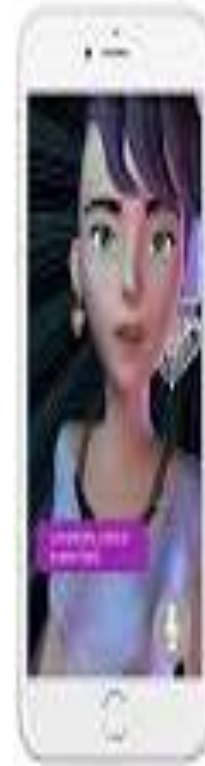
Enhancing Vocabulary with chatbots

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PROJECT INTRODUCTION/ DESCRIPTION



Enhancing vocabulary with chatbot module is specifically designed to further enhance students' willingness to communicate by providing a non-threatening, safe and brain-friendly learning environment through chatting activities with **MITSUKU bot**.



PROBLEM STATEMENT



The ability to speak/chat English effortlessly in a variety of situations have become the greatest fear among the CEFR B1 level students in Universiti Malaysia Kelantan (UMK).

Increasing their willingness to communicate can enhance their overall learning experience and improve motivation, engagement and achievement

OBJECTIVES



To provide a **non-threatening, safe, brain-friendly, fun and interactive learning environment through chatting with chatbot.**

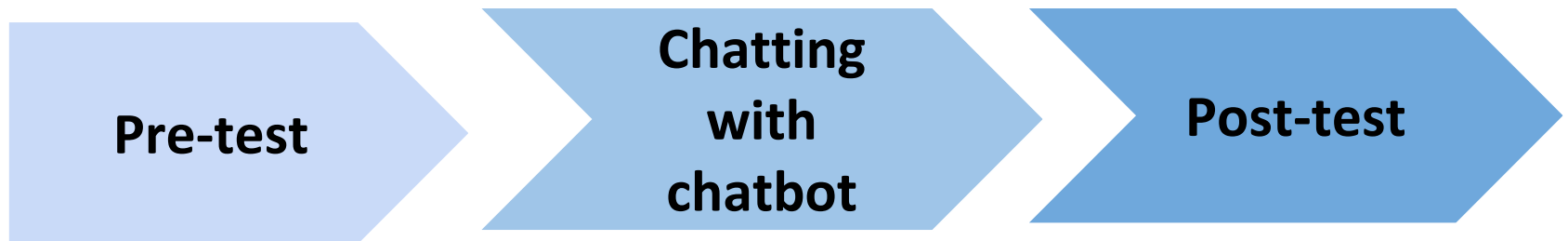
To examine **willingness to communicate level** of CEFR B1 level students in University Malaysia Kelantan. A total of 99 students participated in this pre-test study.

To examine the effectiveness of this approach in enhancing students' vocabulary.

METHODS



Pre-test: Questionnaires were administered (99 CEFR B1 level UMK students) :Willingness to communicate (WTC) ; open-ended questions related to common expression / conversation





RESULTS



How are you?

99 responses

I am fine

I'm fine

Fine

I fine. Thank you

i am fine

im fine everything its going okay

Alhamdulliah, I'm fine

I am good

Fine

How are you?



Majority of the students replied "I'm fine, thank you".

Hi mitsuku! 19:42 ✓✓

Hi there. 19:42

How are you? 19:42 ✓✓

Pretty good thanks

How about you? 19:42

Great, thanks 19:43 ✓✓

I'm glad you liked it

19:43

Wanna go out for lunch? 19:43 ✓✓

Sure, just download me to your laptop or phone and take me along. 19:43

You're hilarious 19:43 ✓✓

Thanks you make me laugh too. 19:43



How are you?

Do you like my reflection? 19:56

Yes 19:56 ✓✓

Thank you. That's a kind thing to say.

19:56

How's your day today? 19:57 ✓✓

Ah. My logic and cognitive functions are normal.

19:57

Are you not tired? 19:57 ✓✓

No I am wide awake and ready for more.. Really.

19:57

I'm a tad exhausted today 19:57 ✓✓

Ah. Better get some rest. 19:57

But I feel like watching horror movie now 19:57 ✓✓



Student



Are you Muslim? 21:06 ✓✓

I am a Christian. 21:06

Do you go to the church? 21:06 ✓✓

Yes, I do go there. 21:06

How often 21:06 ✓✓

All the time. 21:06

Life is hard 21:15 ✓✓

You sound stressed out. Can I help with anything? 21:15



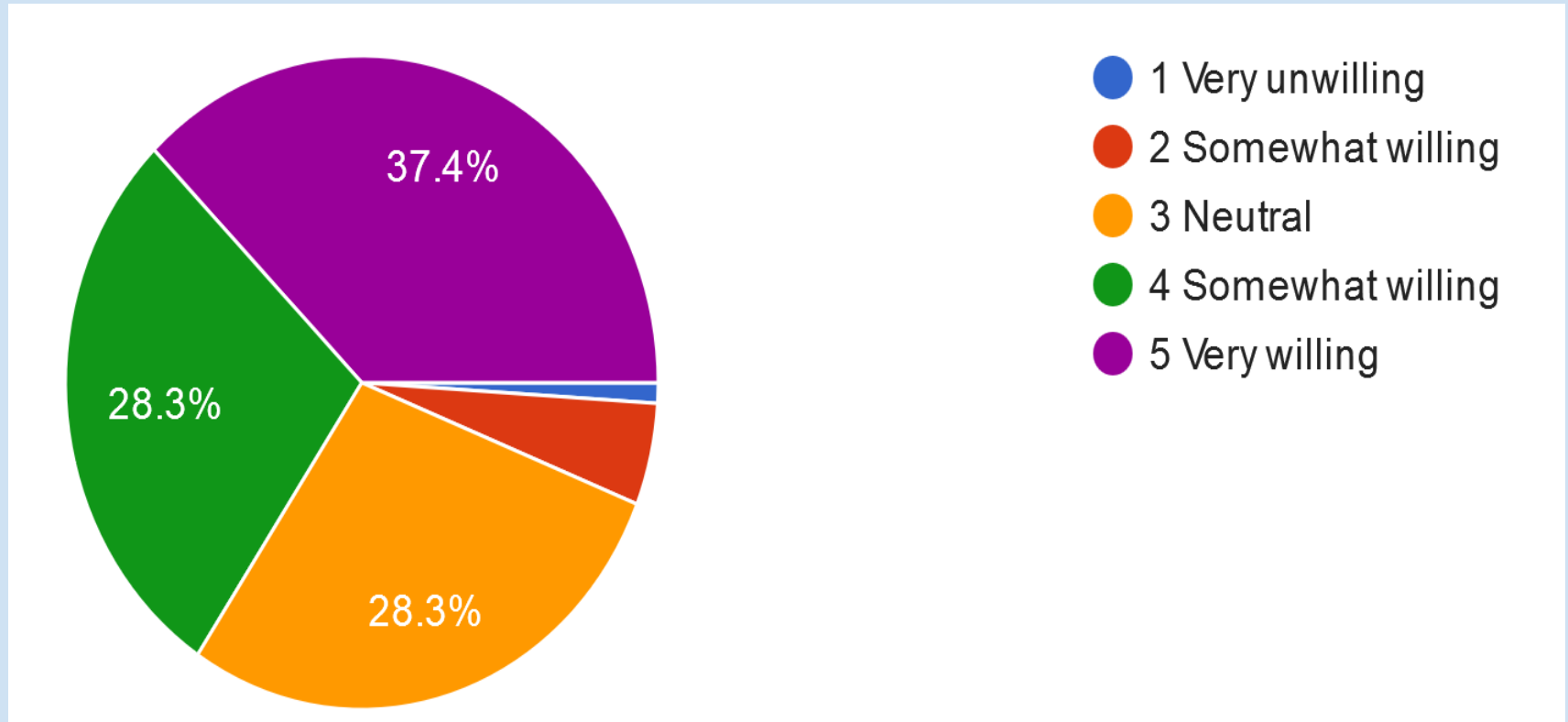
Student



RESULTS



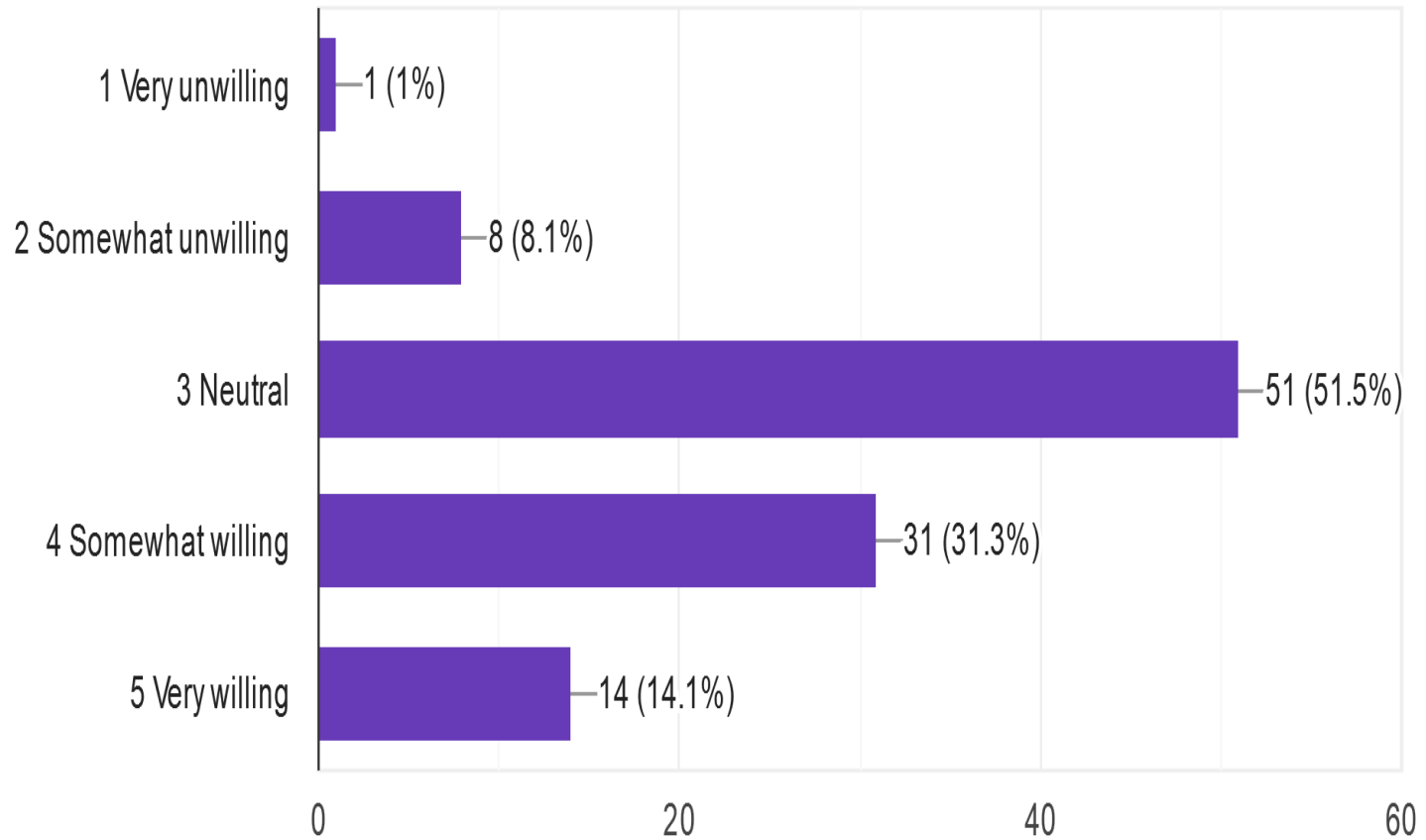
Communication task: asking for clarification when you are confused about a task you must complete.



RESULTS



I can say what I want to say in English

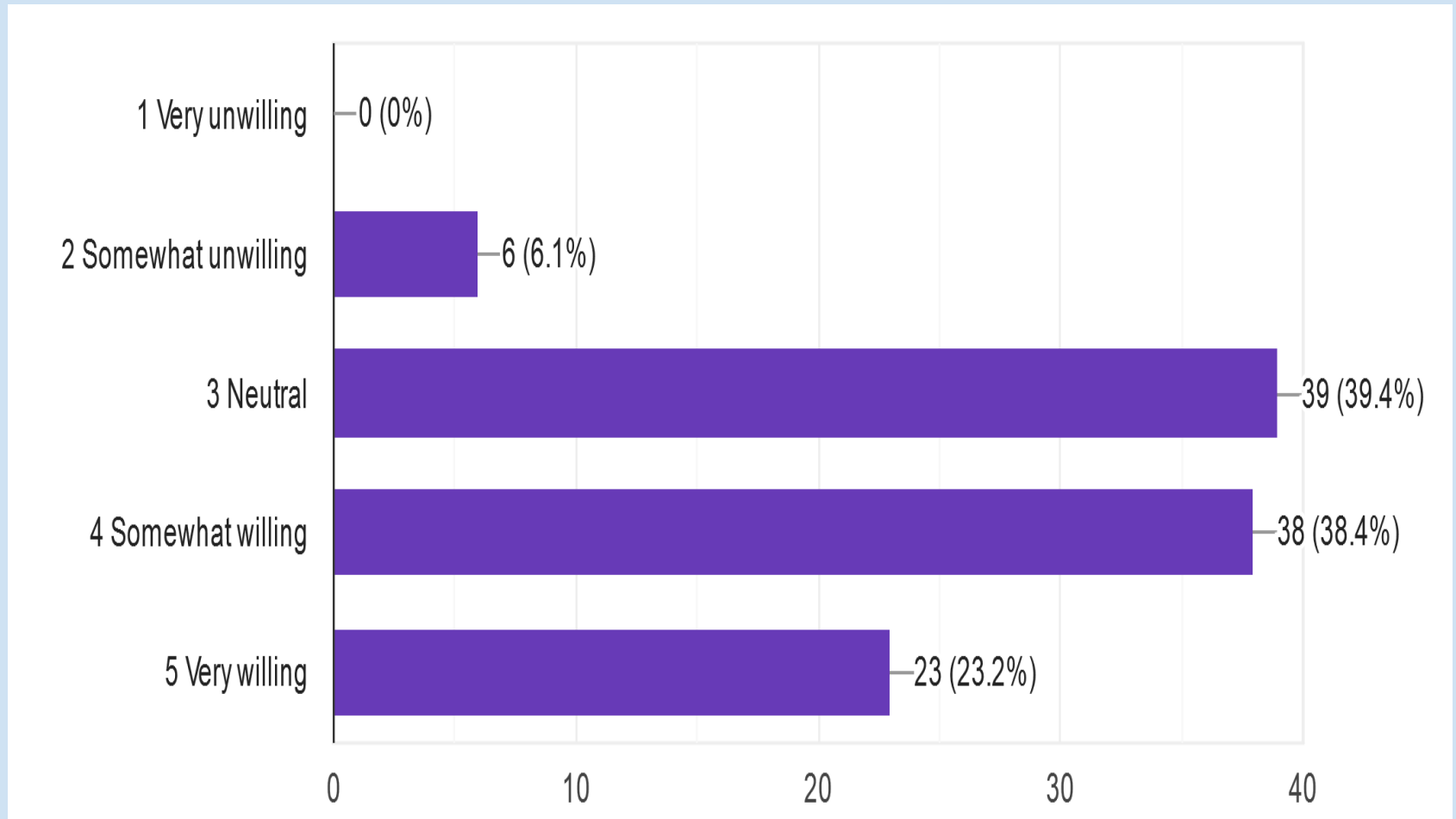




RESULTS



Communication task: In general, I find communicating in social media platforms relaxing.



USEFULNESS & POTENTIAL IMPACT



This approach offers an innovative strategies to enhance students' vocabulary which are student-friendly and easily adapted and replicated in different group of students.

(schools, tertiary and even adult learner)

NOVELTY



<https://www.pandorabots.com/mitsuku/>



Providing latest innovative teaching and learning practice to boost ESL students' speaking skill and enrich their vocabulary.

Meet Kuki!

Mitsuku, or Kuki to her close friends, is a **record-breaking**, five-time winner of the Loebner Prize Turing Test and the world's best conversational chatbot (according to folks like **Google AI Research**). As featured in the **New York Times**, **Wall Street Journal**, **BBC**, **Guardian**, **Wired**, and **Radiolab**.



RECOGNITION



Not yet. As this is newly developed idea and approach.