

# Survey on Campus Platform with Personality Development Tools

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**Abstract:** *Voicebot has become a popular tool for communication between humans and machines in recent years. Voicebots are conversational interfaces that recognize spoken natural language and speak with users using machine learning technologies (such as deep neural networks, automatic speech recognition, natural language processing, prediction models, and personalization). Most university campus apps are currently offered as static web pages or app menus. The goal of this research was to create a campus virtual assistant with personalized tools. Personalized tools include to do list and Eisenhower matrix for time management, Johari window for self-awareness and Gratitude diary for mindfulness. The purpose of this research was to improve the usability of campus platforms and provide students with personality development tools to contribute into their personal growth.*

**Keywords:** Voicebot, Natural Language, Eisenhower Matrix, Johari window

## REFERENCES

- [1]. P0-Sheng Chiu, Jia -Wei Chang, "Enabling Intelligent environment by the design of emotionally aware virtual assistant: A case of smart campus" (IEEE - 2020).
- [2]. Sarada Devaram "Empathic chatbot emotional intelligence for mental health well-being" (IEEE - 2020).
- [3]. Marco Polignano, Fedelucio narducci "Health assistant bot: A personal health assistant for the Italian language" (IEEE- 2020).
- [4]. R. E. Sorace, V. S. Reinhardt, and S. A. Vaughn, "High-speed digital-to-RF converter," U.S. Patent 5 668 842, Sept. 16, 1997.
- [5]. Hrushikesh Koundinya K, Ajay Krishna Palakurthi "SMART COLLEGE CHATBOT USING ML AND PYTHON" (ScienceDirect/2021).
- [6]. Trung Thanh Nguyen, Anh Duc Le "NEU-chatbot: Chatbot for admission of National Economics University" (ScienceDirect/2021).
- [7]. Elen Siglen, Hildegunn Høberg Vetti, Aslaug Beathe Forberg Lunde "Ask Rosa – The making of a digital genetic conversation tool, a chatbot, about hereditary breast and ovarian cancer" (ScienceDirect/2021).
- [8]. Trung Thanh Nguyen, Anh Duc Le "NEU-chatbot: Chatbot for admission of National Economics University" (ScienceDirect/2021).
- [9]. Lijia Chen, Pingping Chen, Zhijian Lin "Artificial Intelligence in Education: A Review" (IEEE 2020).
- [10]. Gwendal Daniel, Jordi Cabot, "Xatkit: A multimodal low-code chatbot Development Framework" (IEEE 2019).