

Faculty of Administrative Science and Policy Studies



Leading An Artificial Innovation In Knowledge, Education And Design

# i-SPIKE 2021 INTERNATIONAL EXHIBITION & SYMPOSIUM

## **E-PROCEEDINGS**

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## THE DYNAMICS OF MILO (MULTIMEDIA INTERACTIVE LEARNING ONLINE) IN ROLE PLAYING: ENHANCING THE LEARNING PROCESS IN COVID-19 PANDEMIC

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#### **ABSTRACT**

The onset of COVID-19 pandemic has affected the learning process of students throughout Malaysia, especially university students. A paradigm shift is needed in making the learning more dynamic was proposed in this research paper through the lenses of Multimedia Interactive Learning Online (MILO). This software was to enhanced and strengthened role playing among university students enrolling hospitality Front Office course. Similarly, role playing can act as a transition point from classroom into the hospitality industry, vis-ă-vis to an extremely complex operating environment. Consequently, a well practice role playing in the absence of face to face learning supervision, may help students to gain a high degree of motivation and subsequently confidence into executing relative tasks at ease in any given time and situations. To this end, role playing is an extremely vital component for students to be successful both in classroom and in the hospitality industry.

**Keywords:** multimedia interactive learning online (MILO), role playing, front office, hospitality industry

#### INTRODUCTION

The onset of COVID-19 pandemic since early 2020 has disrupted the face to face learning of many students in Malaysia. Many students and parents are struggling to cope with the new learning platform; which is online learning (Tan, 2021). According to (Tynjala, 2008), cited in Kettula and Berghäll (2013) a better approach to make up the lacking of learning through pedagogical is through role play. Furthermore, role play can integrate and supplement formal learning and working life (Kettula and Berghäll, 2013). In the Front Office operating environment, role play is extremely vital in order to understand how the operation works.



Although, Lean, Moizer, Towler, and Abbey (2006) stated... "role play as a form of non-computer-based simulation", Multimedia Interactive Learning Online (MILO) will be use as a guidance for students to refer when necessary. In a similar vein, Feinstein, Mann, and Corsun (2002) pointed out that during role play, the participants would act out the given scenario. Alternatively, MILO with numerous scenario availability; can delivered the intended scenarios to the participants.

Moreover, role play Maier (2002) cited in Kettula and Berghäll (2013) pointed out there are three possible objectives that can be measured namely, (1) emotional (affective) status, (2) enhancing each individual's skills and (3) expanding the person's knowledge base. Subsequently, participants involved in role play can put themselves into self-reflection as one of the measurements to gauge their performance and understanding of Front Office operations (Kettula and Berghäll, 2013). Likewise, Holden and Hamblett (2007) pointed that role play can intrigue the participants in real life working experience.

#### Issues

Online learning can be a tedious learning process (Tan, 2021). Similarly, online learning process when incorporating into role play will have a different challenging platform. According to Preziosi and Alexakis (2011), cited in Acharya, Reddy, Hussein, Bagga and Pettit (2018) enhancing learning meaning optimal information's ought to be provided and being justified. It was pointed out that when learning was too demanding, it will discourage the learner, while, in non-challenging learning situation it will lead to mundane learning participation (Acharya et al., 2018). Arising out of this predicament, Niemi, Heikkinen and Kannas (2010) and (Ferguson, Hanreddy and Draxton (2011) elaborated that by getting the students involved in the decision-making process of developing and sharing their learning experiences; will make the learning more meaningful.

Meanwhile James and Pollard (2011) opined "scaffolding for learning by offering intellectual, social and emotional support", are essential to bring learning closer from the real world into the classroom. In sharing similar view, Christmas (2014) pointed out an active learning made possible through ".... possible learner perceives the existence of a relationship between prior knowledge and new knowledge". Significantly, Serbessa (2006) argued that "learning-by-doing" in the technology driven world will continuously bringing immense development to the learner. Subsequently, Dipietro (2004) cited in Luo, Wang and Tai (2019) mentioned the three training approaches are (1) classroom training, (2) on-the-job training and (3) interactive media training; are the most effective tools to achieved all training goals. However, very limited literatures highlighted the most precise interactive media training for a specific department in the hospitality industry. Hence, this research paper tends to address the main issue; how MILO software can help student's role play in Front Office setting.

#### LITERATURE REVIEW

The onset of COVID-19 pandemic has disrupted the learning process of students' in Malaysia (Tan, 2021). The usual face-to-face engagement in classroom setting; allowing peers and lecturers into exchanging ideas which are deemed vital (Stack, 2015), are no longer allowed because of the COVID-19 pandemic. In addition, according to (Darling-Aduana and Heinrich, 2018) technological incorporated into learning can help to enhanced a better



learning experience. Besides, Garrison (2011) suggested that social presence; the ability of the subject to "relate with their peers and forming relationship", can help to expedite the learning process. In a similar vein (Law, Geng and Li, 2019) pointed out cognitive presence; the ability of the subject to "construct meaning by going through the interaction process." Meanwhile, the "integration" of social presence and cognitive presence has provided Multimedia Interactive Learning Online (MILO) a platform in synchronizing better learning experience. According to Woo, Shahril, Azmi and Rosli (2018), MILO is able to bring the social and cognitive presence together through role playing in a safe and secure environment. Notwithstanding, MILO is able to bring a new learning experience, whereby, learners are able to feel that they are in the hospitality environment, i.e. Front Office setting.

Role playing is used to promote learning experience that was being guided by an instrument (Bell, Kanar and Kozlowski, 2008; Keys and Wolfe, 1990). According to Furuunes (2005) cited in Borner, Moormann and Wang (2011), the learner will take on a role which will help in the overall learning of a skill or task. As mentioned by Bliesener (1994) the objectives of role-play can be measured by; ability to deal with difficult situations, developing self-assurance, improving auto-perceptive and self-reflection skills, increasing motivation and raising communicative effectiveness.

#### METHODOLOGY

A qualitative research was implemented for this study. The duration of this study is for three months and it involves two students yet to go for internship in Front Office; who are currently in their second year of study in hotel management degree from Faculty of Hotel and Tourism Management, Universiti Teknologi MARA, Puncak Alam campus in Selangor. The students were given MILO software for viewing, for the duration of two months. Upon completion of the viewing, the students were asked to go for role-playing. A face-to face interview was conducted through Google Meet after the role-played. A thematic analysis was conducted for this purpose, to determine the respondent's responses on any significant new discoveries of using MILO in role-playing

#### **FINDINGS**

Respondent 1: laugh... [sic] I hope this software is available in my first semester of my study. It really helps with my confidence and make my mental strong.

Respondent 2: The MILO is one of its kind, very unique and arousing me as if I am now in the Front Office. Transforming me from where I am now[sic] into the Front Office setting.

In summary, by using MILO as a tool for role-playing, respondents are generally feeling at ease and enabled to feel the moment of confidence and mentally strong of knowing what to aspect out of them, before they go for their internship. Notwithstanding, the ever-challenging operating environment of Front Office in the hospitality industry due to COVID-19 pandemic



#### **CONCLUSION**

Role playing will be more meaningful, if it was recorded for future analysis (Bright and Johnson, 1985). Similarly, Luo, Wang, and Tai (2019) stated that training for service standards and skills into providing delightful service should not be the end. Nevertheless, a recorded role playing as suggested by Bright and Johnson (1985) may infuse more attentive, appropriate, proactive and personalized services into an outstanding level.

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