

An Analysis of Japanese Bot to Evaluate the Japanese Language Proficiency Test in Sri Lanka

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Abstract. The Japanese Language Proficiency Test (JLPT) is a standardized exam that assesses non-native speakers' understanding of the language as well as their reading, writing, and listening skills. The majority of people in Sri Lanka take JLPT to obtain the required qualifications to study and work in Japan and improve their knowledge of the language. But they have fewer requirements to gather the information and proceedings about JLPT. Due to its complexity and numerous letter patterns with varied meanings, the Japanese language is challenging to learn for Sri Lankans. The objective of this research is to investigate the issues that occur to people when doing the JLPT. As primary data, this study mainly focuses on the survey that was conducted for the ones who did JLPT by using platforms like WhatsApp and Instagram. This used statistical methods which quantitative. Published research studies related to the research area were used as secondary data which are qualitative. According to the survey results, the researcher identified the main problems that responders faced when they did the JLPT. To overcome these problems, this paper proposed a web-based Japanese bot as an assistant for those who are taking JLPT and describes the main functions that have to be included for this proposed Japanese bot and how it could be helpful for the people who are doing this examination. In the future, this Japanese bot could be implemented as a multi-language bot for other language examinations like French and Chinese in Sri Lanka.

Keywords: *JLPT, Japanese, Language, bot, web-based system*