

A Web-based Learning System for 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. However, 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 purpose of this research is to investigate the issues that Sri Lankans faced when they were following JLPT. As primary data, this study mainly focuses on the survey that was conducted through social media platforms from the participants from those who have already completed JLPT. This used statistical methods which were quantitative and used published research studies related to the research area 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 Learning system with the Japanese bot as an assistant for those who are taking JLPT. Further, this describes the main functions that have to be included in this proposed system and how it could be helpful for the people who are doing this examination. As a future avenue, this system could be implemented as a multi-language system for other language examinations like French and Chinese in Sri Lanka.

Keywords: *Web-based learning system, Japanese, Japanese Language Proficiency Test, Chatbot*