This project aims to create an eLearning platform for the elementary Japanese language learning Level 1 and 2 in CUHK. The set of original Japanese language textbooks published by Department of Japanese Studies, CUHK. is the main teaching materials for all CUHK elementary Japanese courses. This set of textbooks was first published in 1992. Although it has been revised a few times in recent years but there is still no eLearning component included. Therefore students still cannot benefit from the rich resources of eLearning in this technology-driven era. In order to fill this gap, this project provides a series of learning materials based on the content of the textbooks. This eLearning project serves as a support to the current textbooks (Japanese Book 1 and 2, Chapter 1-24) and provide channels for further development of language skills and knowledge under relevant topics in each chapter. This project is focused on developing learning materials for students to access and supporting students' interactions by interactive activities including online exercise, quiz, introduction of new vocabularies. It is also focused on formative assessments through those exercises and quizzes. This project demonstrates originality in the enrichment of eLearning of Japanese language with the support of CUHK original teaching material which cannot be found elsewhere.