

ABSTRACT

Technological developments can produce many new innovations to support the learning process in society. Learning on the use of the Koran Application in digital applications from mobile and website based. UKKI is a student activity unit that operates on the Telkom University Surabaya campus. UKKI activities in Tahsin are recitation activities based on tajweed or correct reading. In tahsin activities there is a problem of lack of media that can be used to disseminate information about the rules of tajweed science. Increase interest and knowledge in tajweed material, especially in mentioning hijaiyyah letters that stand alone and when they meet other letters. And most importantly, it can be a learning tool in reading the Qur'an in accordance with Tajweed Science. The purpose of this research is to develop a Quran Application adding tajweed features with Framework using Flutter for design display, Database using firebase for storage, and REST API (Representational State Transfer Application Program Interface) for interfaces that mediate between different application systems. The format of the REST API that will be processed is a JSON file, this JSON file stores data related to the Koran such as the name of the letter, the meaning of the letter, many letters and other information. The motivation for this research is to complete additional features in the Quran Application, especially for users who want to understand Tajweed in the Quran. Application Development Method using prototyping method. Testing Method (Black Box Testing) is testing using the application has run according to user needs for each application function and button. The results of User Acceptend Testing (UAT) conducted on respondents show the average value of test results for all three categories (design, convenience and efficiency).

Kata Kunci: *Quran App, How to Read Tajweed, Prototyping Method.*