

## ABSTRACT

*Teaching and learning activities cannot only be carried face-to-face. In some conditions, face-to-face teaching and learning has several problems such as the limited number of educators, the very large number of students, and the relatively short span of learning time for Sunday school. The lack of learning time in these conditions can reduce the goals to be achieved when the KBM is implemented.*

*In overcoming the problem of onsite teaching and learning, the procurement of blended or mixed teaching and learning can be done. Blended in the context of teaching and learning means implementing onsite and online learning. Onsite learning will be carried out according to the school schedule and online learning can be done anytime and anywhere. To assist the implementation of online learning, a web-based e-learning platform using the django python framework can be applied to the Protestant Church of Maluku, Waipirit, Sunday School. This platform has three roles, namely admin, caregiver (teacher), and student, with each role having its own features such as logging in, joining classes, creating/viewing materials, making/viewing announcements, creating/doing assignments, creating/doing quizzes, creating attendance, change the password, and change the profile photo.*

*Research on the implementation of online learning begins with a needs survey, design, socialization, implementation, then a satisfaction survey. Based on the results of the satisfaction survey, out of 117 users there were 111 users who filled out the survey with a filling percentage of 95%. Of the 111 users, 99 users are students, and 12 users are caregivers. For student roles, of all existing features, all students can use existing features except for two features, namely changing passwords for 35 students and changing profile photos for 15 users. Based on the results of the final observation, the user decided not to change the password so they would not forget the default password and decided not to change their profile photo because they did not want to show their own face. As for the caregiver role, of all the existing features, all caregivers can use the existing features.*

**Keywords:** *e-learning, learning management system, python, django.*