ASSESSMENT OF CHARACTER STRENGTHENING MODEL OF 4C'S LEARNIING OUTCOMES WITH WEB-ANDROID SUPPORT : SOLUTION FOR ASSESSMENT OF CHARACTER IN THE SOCIETY 5.0 ERA FOR ELEMENTARY SCHOOLS IN INDONESIA AND MALAYSIA

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ABSTRACT

The era of Society 5.0 in education emphasises character education, morals, and role models. The purpose of this research is to develop a 4c's Learning Outcomes character strengthening assessment model through web-android as a solution to character assessment in the era of society 5.0 in Indonesia and Malaysia. Indonesia and Malaysia. Assessment of 4C's character strengthening on 21st century learning outcomes in Primary Schools to see the 21st century in Primary Schools to see if this 21st century learning process can provide positive in achieving learning objectives and improving the quality of learning. In detail, the objectives of this study are to: (1) develop an accurate and reliable Era Society 5.0-based character assessment instrument for 4c Learning Outcomes for students, (2) develop a scoring guide and determine good and good and bad character criteria, (3) create an effective character building guide, (4) develop a web-android-based model. This model can be a solution to assess the character of elementary school students before entering a higher level of education so that elementary school graduates can adapt to the character in accordance with the times that refer to Era Society 5.0.

This research is a survey research that begins with the development of an instrument. isntrument development. Construct validation of the instrument with Confirmatory Factor Analysis. Instrument with a 4-category scale. The research was conducted in 15 elementary schools in Yogyakarta Province and 15 schools in Malaysia.

The results of this study are: (1) The construct of the assessment instrument includes four aspects represented by 19 sub-aspects that are used to measure the strengthening of character learning outcomes in primary schools in Indonesia and Malaysia. 4C learning outcomes in primary schools in Indonesia and Malaysia; (2) the quality of assessment instruments with CFA obtained factor loading of more than 0.3 so that there are no items that fall. has a good reliability estimate because all reliability measures have exceeded 0.7, while the validity is not good because the AVE value is less than 0.5. (3) The level of character strengthening percentage of communication character is 86%, collaboration character is 88%, critical thinking character is 85%, and creativity character is 87%. (4) Good item estimates are items with a range of -2.0 to 2.0, so it can be concluded that all 4C character items are fairly good items in terms of characteristics. If the amount of infit ranges from 0.77 to 1.30, the model can be said to be fit and all items are declared fit with the model. (5) The order from dominant to less dominant aspects is collaboration, creativity, communication, and critical thinking.

Kata Kunci: *Era Society 5.0, learning outcomes, 4C's, 21st century, elementary school*