

ABTRAK

This study presents the interface design for Children with Special Needs (ABK) with autism type of perception mid - high function and obtained from user persona, and user needs. ABK tends to have no concept to manage time, it makes them difficult to understand what activities they want to do in their daily life, therefore it is necessary to schedule activities for ABK so that ABK knows when and how the activity should be done in everyday life. The resulting interface design is expected to help ABK and parents in learning to perform daily activities and other activities provided by parents. In this research, User Interface Scheduling Activity will be made for parents so that they can provide activities for children step by step that can be understood by ABK, this interface model can be used as a tool of ABK therapy to familiarize themselves in doing the activity in the right time. This design uses User Centered Design (UCD) method that focuses on user needs and task that focuses on user needs and tasks.. The result of this study is obtained scheduling activity application user interfaces meets usability elements very well by getting percentage average above 85%.

Keywords— user centered design, ucd, user persona, user interface, autism, children with special needs, abk, scheduling activity