

ABSTRACT

Currently, software engineering development has been developed rapidly resulted in many components. Hence, the components must be able to communicate with other components in order to make them work optimally. The use of the Restful API is considered as one of the efforts to communicate because, with the Restful API, all components in software engineering can communicate and exchange the data. However, there are often problems that occur when the Restful API is used, either major or minor problems. One of the problems that often occur in the use of the Restful API is the incompatibility of the API with the needs used, thus developers need to set it by changing a small part of the Restful API to use. This can be frustrating and time-consuming. This research is conducted by creating the Restful API with the Human-Centered Design approach through the persona methods. This research aims at revealing the advantages and disadvantages of each API created with Persona.

Keyword : *Software Engineering, Restful API, Human Centered Design, Persona*