

ABSTRACT

In this Final Project report, the Author was assigned the role of a backend developer in the development of REST API for BNI's technology advancement towards the Metaverse. In this development, BNI requires the REST API models for AppUser and Portal in the BNITopia project. These REST APIs will be utilized within BNITopia's features and services, with the Author focusing on the AppUser and Portal model sides. According to Masse, 2011, an API exposes a set of data and functions to facilitate interactions between computer programs and enable them to exchange information [1]. The Author employed the Agile methodology during the development of the web services. A total of 10 endpoints were generated from the development of this REST API, with each model producing 5 endpoints.

Keywords: REST API, Backend, BNITopia.