ABSTRACT

HR-Management is an organization that has succeeded in achieving expectations, not only by looking at the skills but also by increasing the training in gathering insights on how to collect data from the law civil law and produce superior talent or human resources (HR) or can help the purpose of advancing the company. In this work, it is easier to services for struktural mapping is still subjective. To solve this problem, usually the k-nearest neighbor (KNN) algorithm. Application development using SDLC Prototyping by gathering requirements, building Prototyping, developing Prototyping, coding systems, Testing the system, and developing the system. Python programming language used as a machine learning model and PHP to build interfaces and utilize MySQL as database storage, program Testing is carried out using Black Box Testing to ensure program functionality can be used properly.

Keywords: HR Management, k-nearest neighbor (kNN), Machine Learning, Prototyping.