Applicant Tracking System Model Based on Block Chain Technology

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Abstract

The relationship between higher education as a provider of labour services from graduates has a strong relationship with industry as an institution that uses labour services from graduates of higher education. Track records of student academic achievements are stored either in higher education or when students or prospective employees/employees have certificates of expertise/professionalism, work experience letters are only stored in the company and there is no integrated system that stores these track records while the industry is a user of labour services. Employers really need valid information about prospective employees who will work in their company. Therefore, a system that integrates universities, students/prospective employees, employees, and industry is needed. On the other hand, blockchain is a technology that offers a high level of security and several other advantages that can be used to build an integrated system. This research aims to build an employee tracking system model that integrates higher education, prospective workers/students, workers, and industry in a single system based on block chain technology. The research method uses a qualitative approach through literature studies and observations to find problems and alternative solutions.
Keywords
Block Chain, Tracking System, Employee, Transparency, Company.

Biographies
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