

# **PROTOTYPE OF AN IMPLEMENTATION THAT FOCUSES ON THE FEATURES AND CONCEPTS OF OBJECT-ORIENTED PROGRAMMING (OOP)**

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## **ABSTRACT**

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Object-Oriented Programming (OOP) is a term that is well known in the programming world. It is a term to describe the ways OOP helps to build a program or system. OOP is the result of progression of from OOA (Object-Oriented Analysis) and OOD (Object-Oriented Design). OOP Consist of four main features, object, inheritance, encapsulation, and polymorphism. Programmers have been encourages to integrate OOP in their programming. This is because OOP will play a large part in the weaving process of the computer technologies. Therefore to better portray OOP, a prototype was developed to explain it better with a visual aid. We will be able to see how OOP integrates within the system to produce an efficient and effective system that runs on the ground of Java OOP.