

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 3, Issue 3, June 2023

## **BANK NKHONDE**

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Abstract: Bank nkhonde is an already existing way on which peers come together and give each other services same as the bank but with affordable rates that every single member is comfortable with. This system will just digitize what is done manually by the people. The goal of the system is to help the people to reduce the manual power, the redundancies that are there and financial services this includes mathematical calculation, financial alerts, data storageinbox where the users will apply for a loan which will hold as evidence that they applied for the loan and how much they asked and how much was agreed. The algorithm to be used is the banker's algorithm, bankers Algorithm is a deadlock avoidance which is used for deadlock detection it tells that if any system can go into a deadlock or not by analyzing the currently allocated resources and the resources required by it in the future. The resource-allocation state is defined by the programmer to repeat certain stages that the programmer thinks it was not properly done or the owner of the system has suggested which is called the iterative methodology.

Keywords: Bank nkhonde

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