Bansilal Ramnath Agarwal Charitable Trust's
VISHWKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE
DEPARTMENT OF COMPUTER ENGINEERING

PROJECT SYNOPSIS

1 Group Id 2

SY B.Tech

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2 Project Title

Simulation of Hash Table

3 Project Option

In-House

4 Internal Guide

Mrs. Disha Wankhede

5 Sponsorship and External Guide

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6 Technical Keywords (As per ACM Keywords)

1. Java
2. Applet

7 Problem Statement

To simulate working of Hash Table and collision resolution techniques
-Linear Probing.
-Quadratic Probing.
-Double Hash.

8 Abstract

To simulate working of Hash Table and collision resolution techniques Linear Probing, Quadratic Probing, Double Hash. It shows the allocation of data in the hash table for a particular collision resolution technique. This concept will be implemented by JAVA and collision resolution methods. Real time implementation of collision resolution techniques is used to allocate data in the memory when there is collision between two keys for a particular location. It can also be used in fields such as database management, cache organization, educational institute, universities .

9 Goals and Objectives

To simulate working of Hash Table for collision resolution techniques which will help to understand the concept of linear techniques Linear Probing, Quadratic Probing, Double Hash methods