Bansilal Ramnath Agarwal Charitable Trust’s

VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE

DEPARTMENT OF COMPUTER ENGINEERING

**PROJECT SYNOPSIS**

1. **Group ID:** SY BTech: A\_12
2. **Group Members :**

Mayur Kaswa 221056

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1. **Project Title :**

Product Management System

1. **Internal Guide :**

Mrs Snehal Rathi

1. **Sponsorship and External Guide**
2. **Technical Keywords (As per ACM Keywords)**
3. Heap
4. File Handling
5. **Problem Statement :**

Create a System to prioritize the product according to the user’s need

1. **Abstract :**

As In this digital era, we many times prefer online shopping. So, while doing so sometimes it is very difficult to find the required product due the abudance of products. So, we are using heap data structure to prioritize the products according to the needs of user.We will be storing the details of the products in the file.

For ex- We can manage the product according to the price of the products, reviews or ratings, distance etc.

1. **Goals and objectives:**

* One can easily find the proper product according to his/her need.
* To make availability of the product easier for the user

1. **References**

<https://www.cse.iitb.ac.in/~uday/hraResources/hraRevised.pdf>

**[Where2Buy: A Location-Based Shopping App with Products ...](http://download.xuebalib.com/pbrCO6dZWFE.pdf)**

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Horowitz and Sahani, -Fundamentals of data structure in C++.

R. Gillberg, B. Forouzn –Data structures: Pseudo code approach with C.