**VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE**

**COMPUTER ENGINEERING DEPARTMENT**

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**Synopsis**

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**Group number: BE Comp/PRJ/18-19/22**

**Group Members :**

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**Title : Recipe Recommendation system**

**Objective :**

The goal of the application is to provide a platform where users find their favorite food and

its nutritional value. This is useful for anyone who is health conscious or wants to lose

weight.

This application can be used as a standalone application or it can also be used as a part of

a more sophisticated application.

**Abstract :**

In this paper, we propose a goal-oriented recipe recommendation system that utilizes information about nutrition on the Internet. With the predominance of web, entirety world is associated and distinctive clients of various nations are sharing a large number of new recipe on the web, world generally. Thus, subsequently clients don't know about the every one of the recipe on the web. Recipe contains diverse ingredients, cooking procedure, categories and so on. Along these lines, we think the recipe is conglomeration of the unique heterogeneous elements. The greater part of the suggestion framework depends on the substance or community oriented sifting to foresee the new formula of enthusiasm for a client. Joining with the both the sifting methods, we exhibit a successful and exquisite structure for consolidating the two strategies in Recipe suggestion framework. A large portion of the formula proposal framework utilizes content data as fixings or cooking techniques of Recipe. We proposed novel approach to recommend new recipes.

**Briefs about Contents:**

1. **Introduction :**

The purpose of this document is to build a recipe management system to identify ingredients and suggest recipe according to ingredients

This project is a prototype for the recipe recommendation system and it is restricted to small as well as large restaurant . This has been implemented under the guidance of college professors. This project is useful for the general users team and as well as to the restaurants.

1. **Technical Details :**

**Software-hardware requirement:**

**Software requirement**

Front end: - JSP servlet, HTML, CSS

Backend:- My SQL,

Android studio

Wamp server

Operating System : Windows 10

Technology : Java, J2EE

Web Technologies : Html, JavaScript, CSS

Web Server : Wamp server

Database : My SQL

Java Version : J2SDK 1.7 / 1.8

**Hardware requirement**

Android phone

Hardware - Pentium

Speed - 1.1 GHz

RAM - 1GB

Hard Disk - 20 GB

Floppy Drive - 1.44 MB

Key Board - Standard Windows Keyboard

Mouse - Two or Three Button Mouse

1. **Working :**
2. **Applications:**
3. **References/Bibliography:**

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[3] P. Brusilovsky and E. Millán, “User models for adaptive hypermedia and adaptive educational systems,” *The adaptive web*, 2007, pp. 3–53.

[4] S. Lam, D. Frankowski, and J. Riedl, “Do you trust your recommendations? An exploration of security and privacy issues in recommender systems,” *Emerging Trends in Information and Communication Security*, 2006, pp. 14–29.

[5] N. Good, J.B. Schafer, J.A. Konstan, A. Borchers, B. Sarwar, J. Herlocker, and J. Riedl, “Combining collaborative filtering with personal agents for better recommendations,” *Proceedings of the National Conference on Artificial Intelligence*, JOHN WILEY & SONS LTD, 1999, pp. 439–446.