SAL Engineering & Technical Institute
GUJARAT TECHNOLOGICAL UNIVERSITY AHMEDABAD

Restaurant Management System

KUSHAL UPADHYAY

JEEL SHAH

MRS. MADHURI PAREKH
(HEAD OF DEPARTMENT)

MR. HARSHIT VORA
(INTERNAL GUIDE)
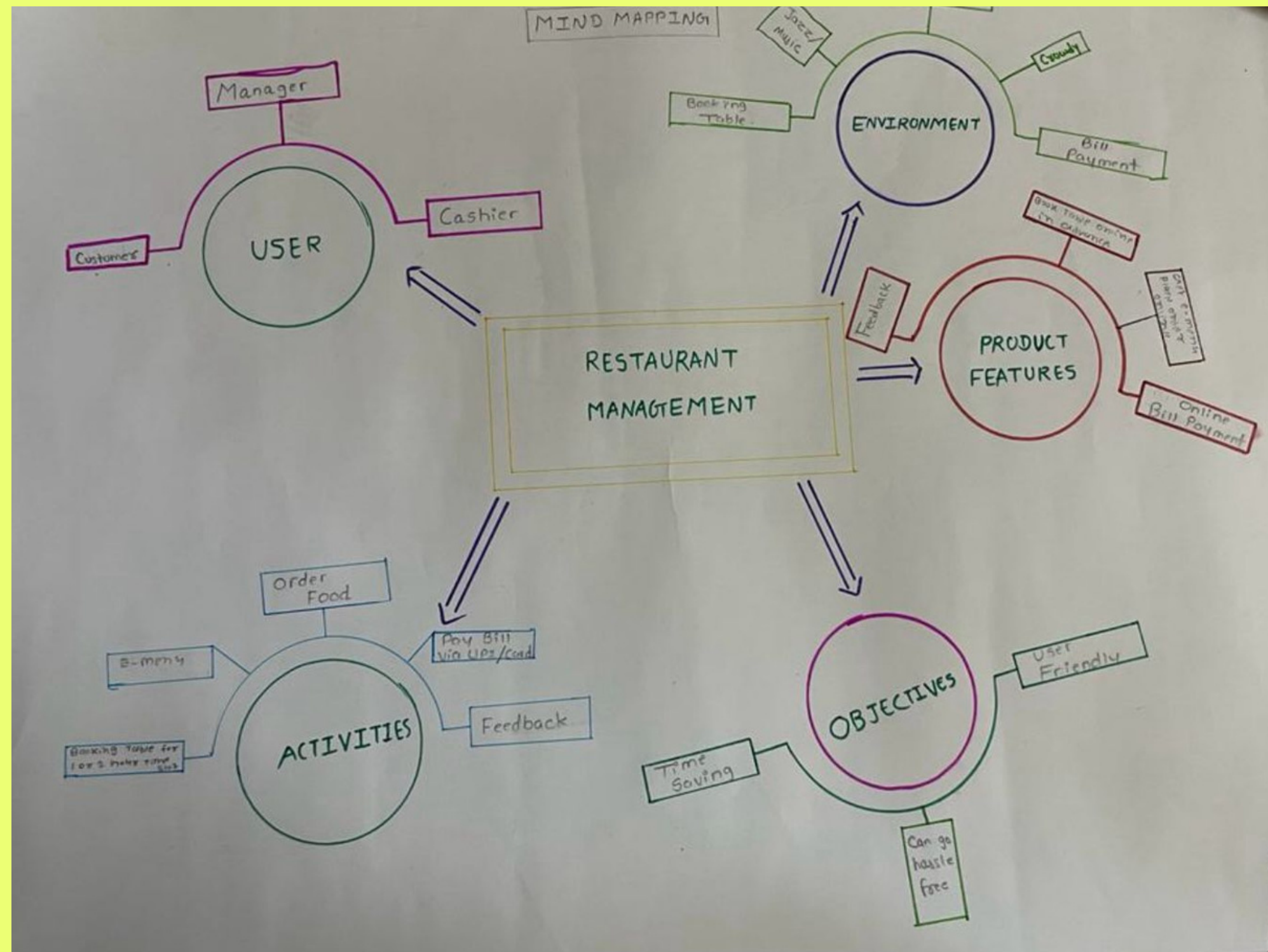
DHRUV DAVE

YUAGNT TRIVEDI

INDEX:

INTRODUCTION

We observe that whenever people wish to eating food in restaurant or a café, they must stand in long queue for reserve table after some time, they get their table in restaurant, this is not over in weekend there is so much crowd in restaurant that environment of that restaurant is too noisy, because of so much customer in restaurant management faces some issue like wrong order is taken, wrong order is delivered on table, customer get wrong bill, etc. after see this all problem we came up with this idea "RESTAURANT MANAGEMENT SYSTEM"

OBJECTIVE FOR THE NEW SYSTEM

- User can book table in advance for some limited time.
- User can get e-menu for order food, E-menu is accessible by all member who is using smart phone so there is no problem with exchanging menu card for getting everyone opinion.
- User can get e-bill also and they can also pay bill via upi apps or cards.
- User can rate food and services online so management get to know where to improve their service

MIND MAP

AEIOU
CANVAS

IDEATION CANVAS

EMPATHY CANVAS

PRODUCT DEVELOPMENT CANVAS

LEARNING NEED MATRIX

Features of the System

Cost :- Less the man power lesser the cost with the assistance of machine to do work.

Time :- Usually to get things done one must do physical interactions and that takes lots of time in offline mode.

User Friendly :- Graphical representation makes complex problems look simple user can easily adapt the System with better interface user can access it.

Reliability :- Due to the transparency of the System it is reliable , every kind of help will be provided to users and users can do business their way.

Feedback:- User can provide the feedback for the specific restuarant.

HARDWARE AND SOFTWARE SPECIFICATIONS:

- HARDWARE SPECIFICATION

- SERVER SIDE RAM:

  4 GB RAM

- CLIENT SIDE RAM:

  1 GB RAM

- HARD DRIVE STORAGE NEEDED:

  500 GB HARD DISK

- PLATFORM SUPPORTED OPERATING SYSTEM:

  WINDOWS 7,8,10 ,MACOS

- PROGRAMMING SERVER:

  APACHE SERVER 2

- TECHNICAL SPECIFICATION:

- FRONT END:

  HTML, CSS, PHP,JAVACSRIPT

- BACK END:

  APACHE MY SQL

- IDE:

  MICROSOFT VISUAL STUDIO 2022

- DOCUMENTATION TOOLS:

  MICROSOFT OFFICE WORD 2016

  MICROSOFT OFFICE POWER POINT 2016

CONCLUSION

Restaurant management system user can book table in advance for some limited time. User can get e-menu for order food; e menu is accessible by all member who is using smart phone so there is no problem with exchanging menu card for getting everyone opinion. User can get e-bill also and they can also pay bill via upi apps or cards. User can rate food and services online.

REFERENCES:

- https://www.w3schools.com/

- https://www.javatpoint.com/

- https://www.tutorialspoint.com/index.htm

- https://github.com/

- https://www.geeksforgeeks.org/

THANK YOU!!