**Ramrao Adik Institute of Technology**

**(Department of Computer Engineering)**

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**Mini Project Report**

**On**

**Online Review System**

**Subject-: Web Technologies**

***Presented By***

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**Abstract**

Reviews are an essential feedback for any products, and feedback is the best approach in case you are really concerned about the user experience of your products. Reviews tell us about how the product is, what flaws are there in the product and helps the manufacturer the overcome about these flaws in future updates and products. Also it helps people to know about how this product is and it will affect and benefit them while using them.

Thus, keeping in mind all these things, we have developed an **Online Review System** for electronic products.

It is a simple system which allows yours to browse through different electronic products, view them and give reviews about them. The reviews given by people can be seen by other people. Also it has a subscription feature which allows people to know about new products and their reviews via their email.

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**Chapter 1**

**Introduction**

Reviews are used in e-commerce website to tell people about the product’s feature and flaws. This project deals with developing an Online Review System for different types of electronic products. It provides the user with a catalog of different types of products available in the market. People can view this product and see reviews given to that product by other people. Also they can give the reviews to the product. For this they need to first login within the system to use this feature. The system is implemented using a 3-tier approach, with a backend database, a middle tier of Microsoft Internet Information Services (IIS) and ASP.NET, and a web browser as the front end client.

**1.1.  Existing system**

* Now, we have different sites with different products in it. Like Samsung has it own site to display its products and its own review system. Canon has its own site which does the same.
* It becomes a quite hectic for user as for different brand company they need to go to their site and review them separately.

**1.2.  Disadvantages of existing system**

* It becomes a quite hectic for user as for different brand company they need to go to their site and review them separately.
* Also user need different accounts for different website to access them.

**1.3.  Problem statement**

The current Online Review System has all the products of different brands

Worldwide and user can view them and see other people reviews in them

and can add their own review too. To add their own review, they need to

to first sign in and then login within the system and then give review to the

product they want. The basic idea is that as all the product from different

brands are here together, they are view any product and can review them,

unlike visiting different sites and reviewing them separately on different

brand websites.

**CHAPTER 2**

**Analysis**

Let’s take the case of Samsung Company. They have their own review system for their products. Similarly Canon Company to have their online review website where reviews are taken from their users. For all these, user needs to login to their particular website and review them about the flaws of their product.

Common problems faced by the employees are:

* People need to visit the particular website, login to their account on that particular website and then review the product of which they want to.
* For different brand products, people need to have different accounts for that particular brand website.
* Also other people who want to see a brand’s review, they need to visit that brand site and check for that product’s review.

**2.1 Proposed System**

In our proposed system, we are going to place all the different brand products together in one system and going to review them. Here user just needs a single account and he can access to all the brand products and can review them in this system. No need of different accounts and different brand websites. Collectively all users can review any brand product they want here. It is just similar to what e-commerce website does, having a one common review system in their own website for all the brand products.

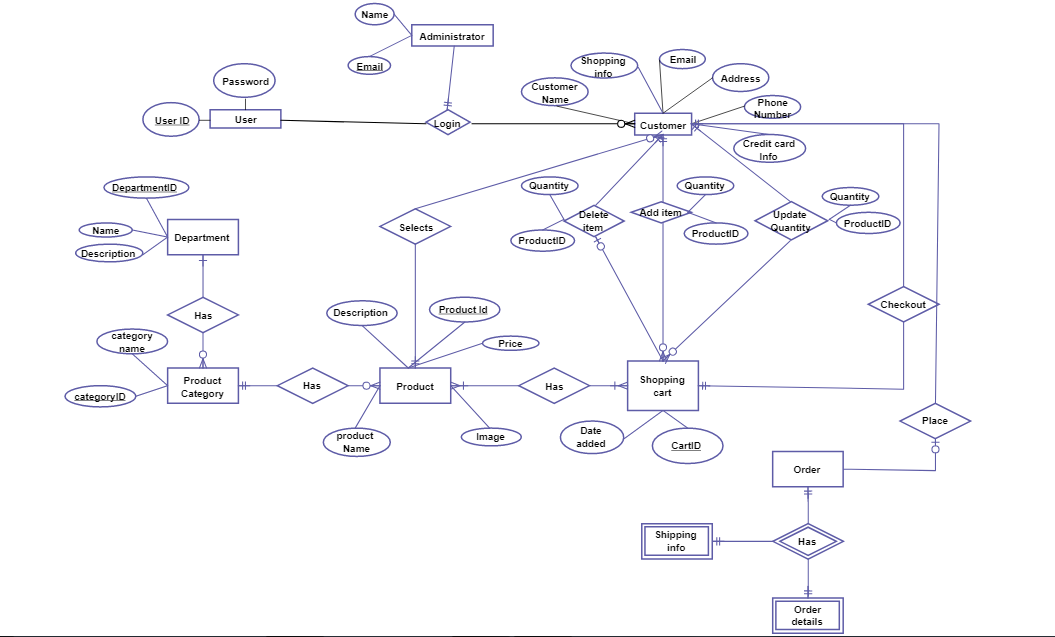
**CHAPTER 3**

**Design**

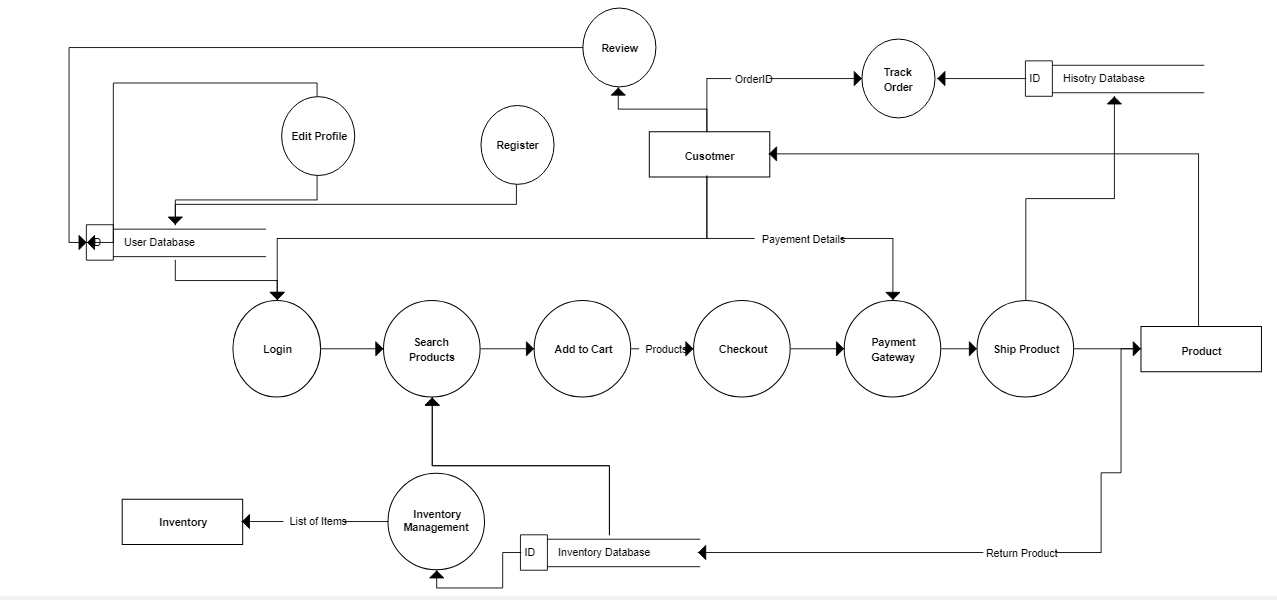
**3.1 System Architecture**

The outmost ring, analogous to neural end, contains the   
terminals, details, queries in the organization, through which all kinds of end-users could interface with the system. The end-users do not need to be aware of the internal structure of system.

3.1 ER Diagram

****Fig 3.1. ER Diagram for Online Review System

3.2 DFD

****

3.2 Level 1 DFD for Online Review System

**CHAPTER 4**

**Implementation**

Technologies used are

* HTML

HTML is the standard markup language for creating Web pages. HTML stands for Hyper Text Markup Language. It describes the structure of Web pages using markup. HTML elements are the building blocks of HTML pages. HTML elements are represented by tags. HTML tags label pieces of content such as heading , paragraph ,table and so on . Browsers do not display the HTML tags, but use them to render the content of the page.

example:

<label><b>Username</b></label>

    <input type="text" placeholder="Enter Username" name="newuser" id="newuser" required>

    <label><b>Password</b></label>

    <input type="password" placeholder="Enter Password" name="pwd" id="pwd" required>

* CSS

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.External stylesheets are stored in CSS files

example:

<style>

form {

    border: 3px solid #f1f1f1;

}

input[type=text], input[type=password] {

    width: 100%;

    padding: 12px 20px;

    margin: 8px 0;

    display: inline-block;

    border: 1px solid #ccc;

    box-sizing: border-box;

}

* PHP

PHP is an acronym for "PHP: Hypertext Preprocessor". PHP is a widely-used, open source scripting language. It scripts are executed on the server.

<?php

include 'connect.php';

$name=$\_REQUEST['username'];

$email=$\_REQUEST['email'];

$password=$\_REQUEST['password'];

$query="INSERT INTO user\_info(name,email,password) values('$name','$email','$password');";

if(!mysqli\_query($conn,$query))

{

echo "failed";

}

else

{

echo "success";

header("Location:userlogintest.html");

}

?>

* JAVASCRIPT

Javascript is a full-fledged dynamic programming language that, when applied to an HTML document, can provide dynamic interactivity on websites. It was invented by Brendan Eich, co-founder of the Mozilla project, the Mozilla Foundation, and the Mozilla Corporation.

JavaScript is incredibly versatile. You can start small, with carousels, image galleries, fluctuating layouts, and responses to button clicks.

function user(){

var x=document.forms['f1']['username'].value;

console.log(x);

if(x!='')

document.getElementById('urname').innerHTML="<h1 class='w3-animate-zoom'>Hello "+x+"</h1>";

else

document.getElementById('urname').innerHTML="yo user";

}

* JQUERY

jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code. jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

Example:

<script src="jquery.js"></script> <script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

$(window).ready(function(){

    $( "#modal1" ).click(function() {

        setTimeout(function() {

//if ( !$('#myModal').hasClass('in') )

{

//Check if the modal is already showing

  $('#myModal').modal('show');

  }, 1000); // milliseconds

    });

});

</script>

* BOOTSTRAP3

Bootstrap is a free front-end framework for faster and easier web development. Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins. Bootstrap also gives you the ability to easily create responsive designs

Example:

<link rel="stylesheet" href="css/bootstrap.min.css">

  <script src="jquery.js"></script>

  <script src="js/bootstrap.min.js">

 <div class="imgcontainer">

    <img src="uploads/img\_avatar2.png" alt="Avatar" class="avatar">

  </div>

  <div class="container">

    <label><b>Username</b></label>

    <input type="text" placeholder="Enter Username" id="admin" name="admin" required>

    <label><b>Password</b></label>

  <input type="password" placeholder="Enter Password" id="pwd" name="pwd" required>

* MySql Database

MySQL is an open-source relational database management system.

$conn=mysqli\_connect($servername,$username,$password,$dbname);

if(!$conn){

die("Connection failed:".mysqli\_connect\_error());

}

* **XML**

XML stands for eXtensible Markup Language. XML is a markup language much like HTML. XML was designed to store and transport data. It was also designed to be self-descriptive

<?xml version="1.0" encoding="UTF-8"?>

<te>

<student>

<desc>Implement knowledge to showcase our skills</desc>

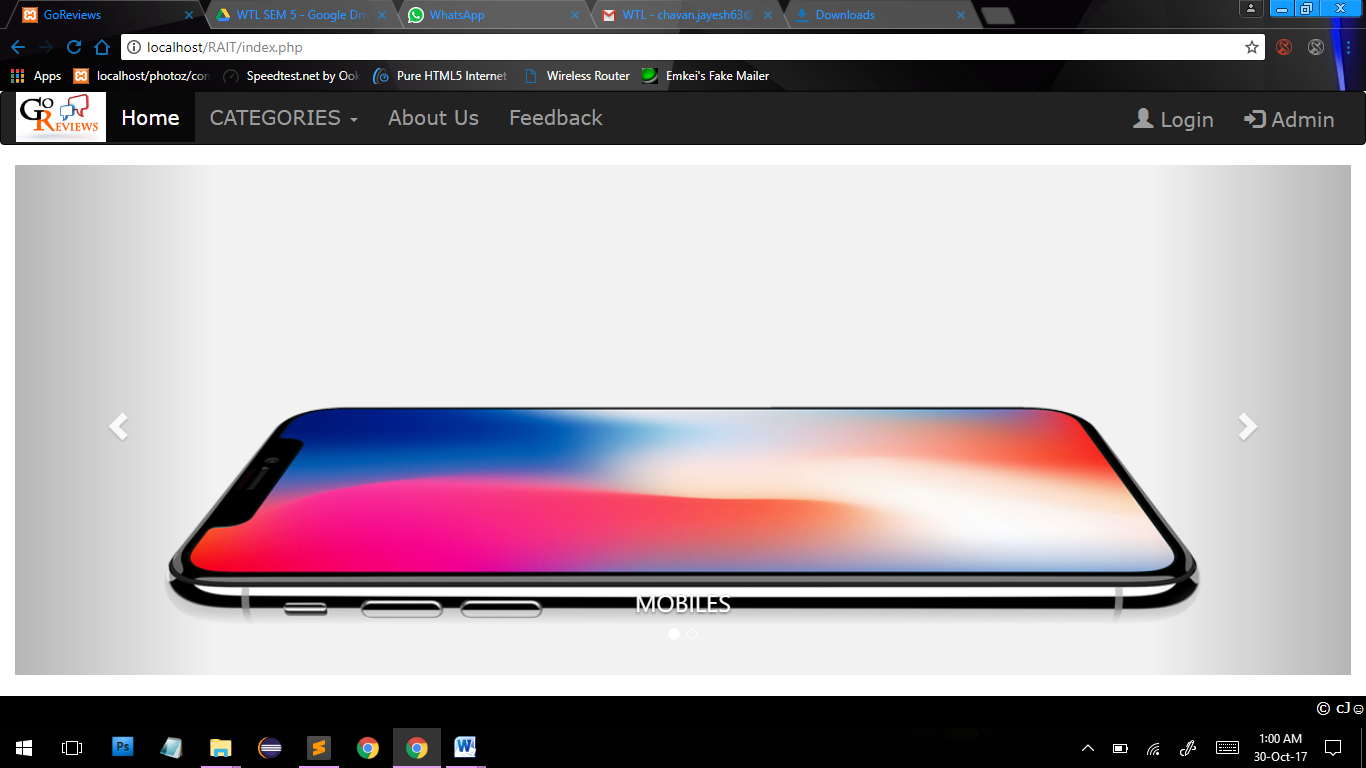
<aim>Provide product reviews to the customers by the customers</aim>

</student>

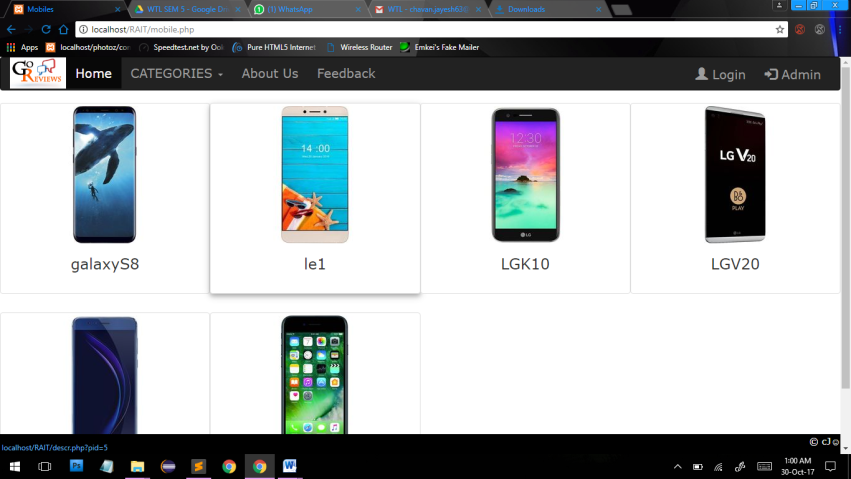
</te>

**CHAPTER 5**

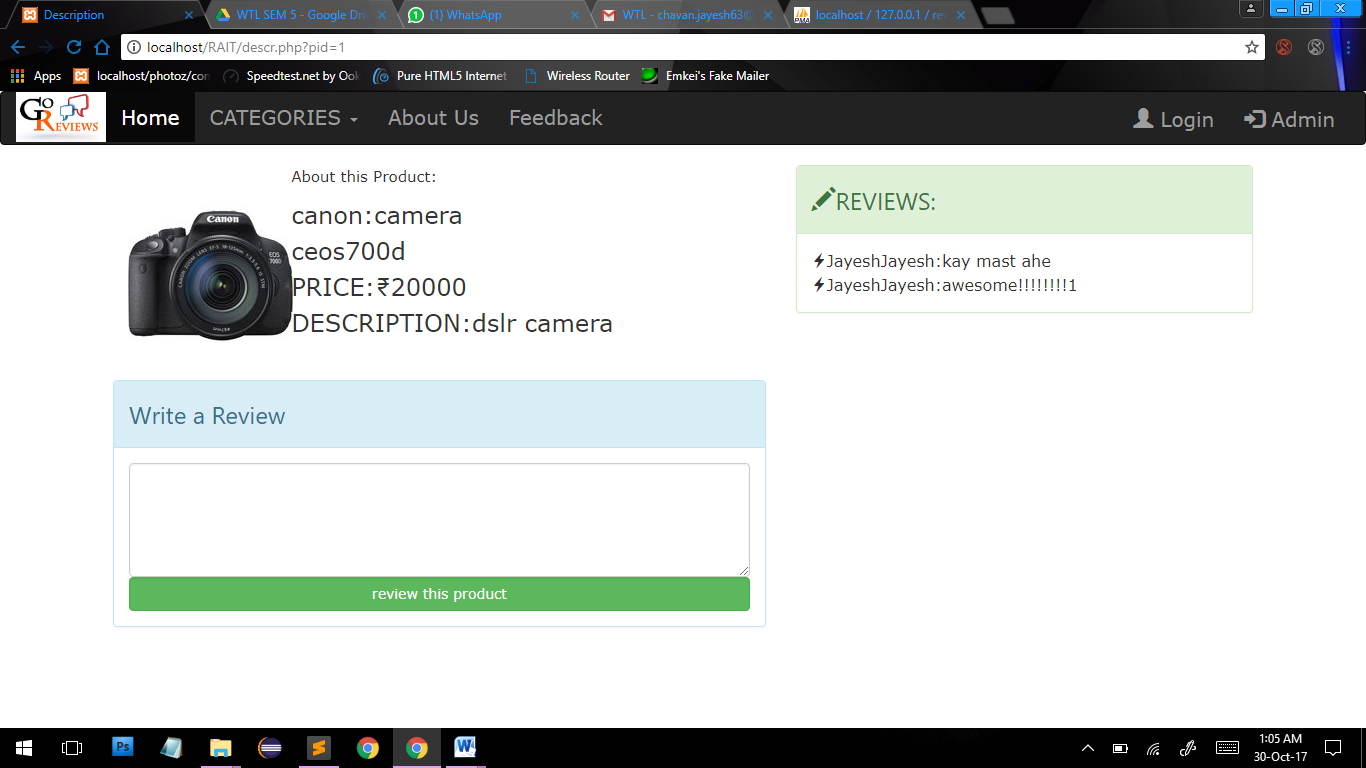
**Screenshots**

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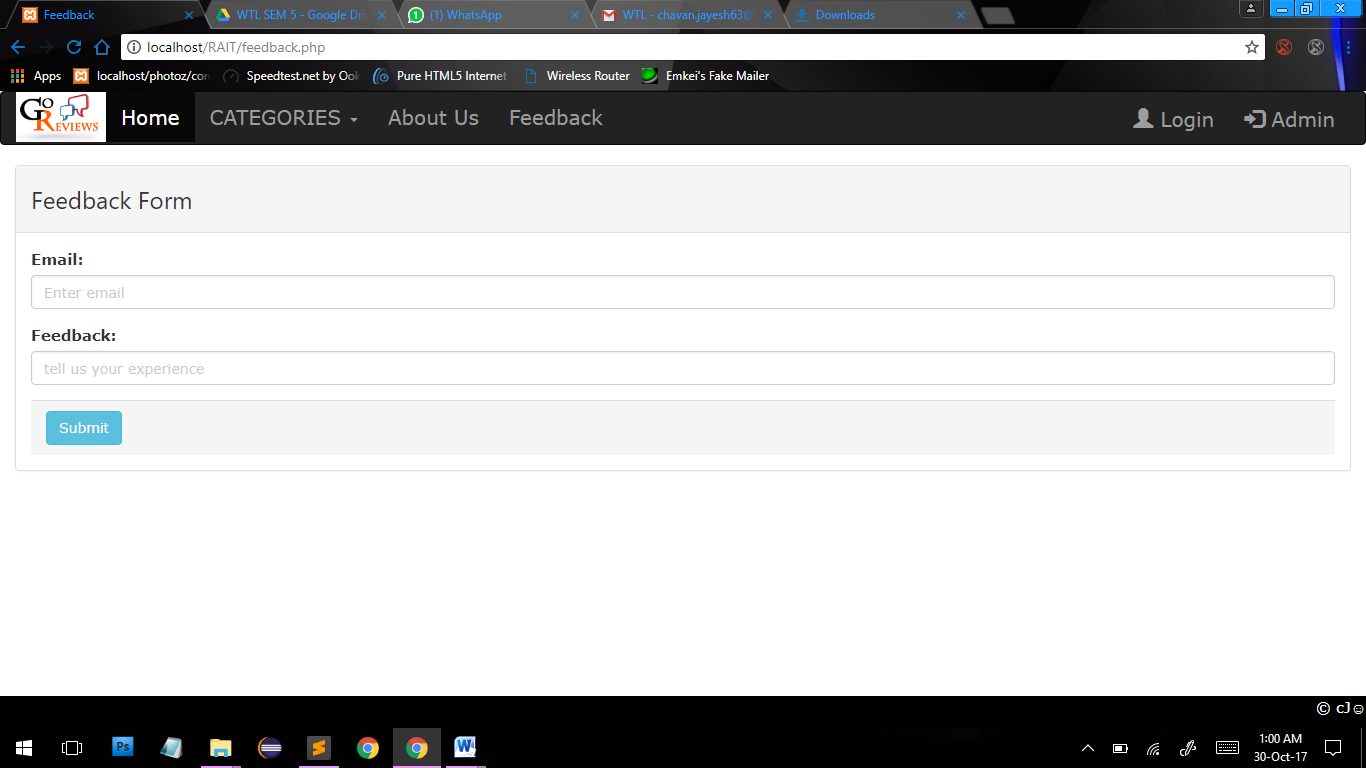
INDEX PAGE

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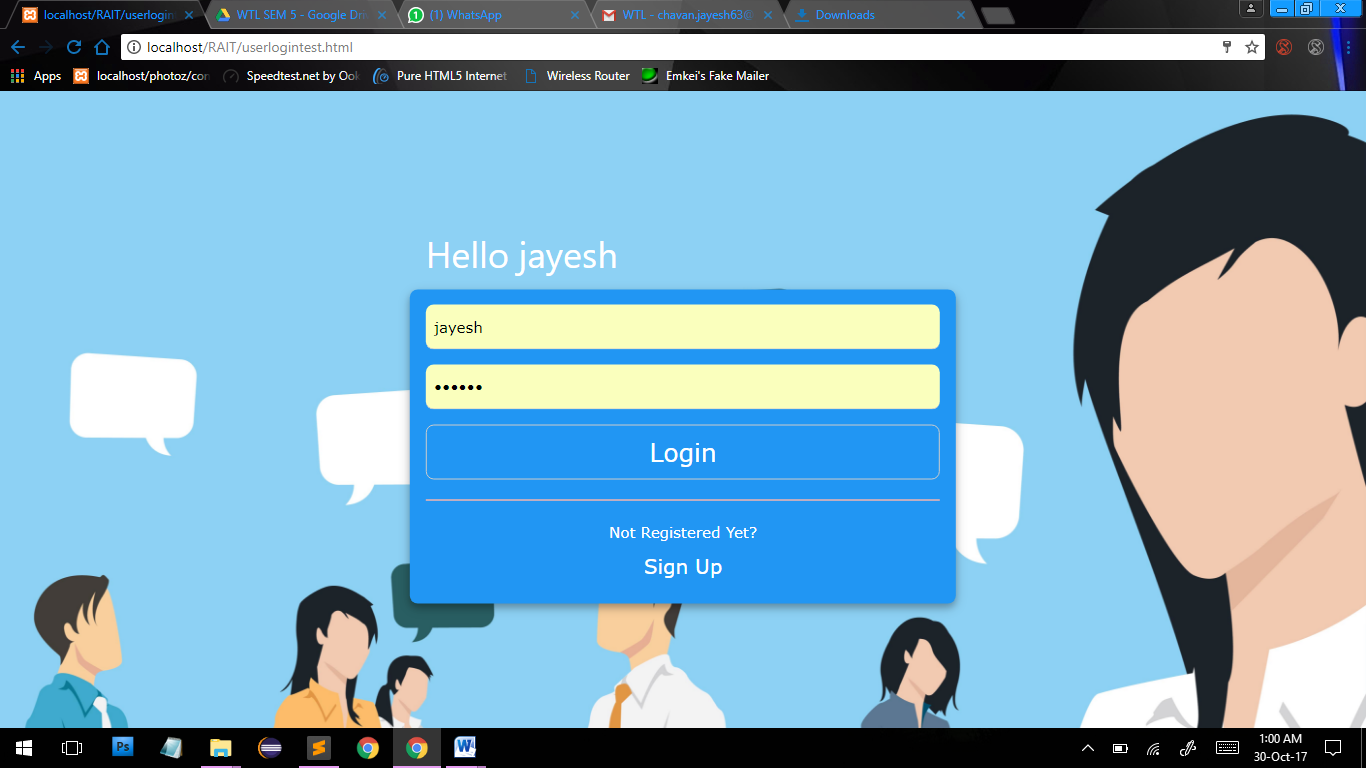
PRODUCT PAGE

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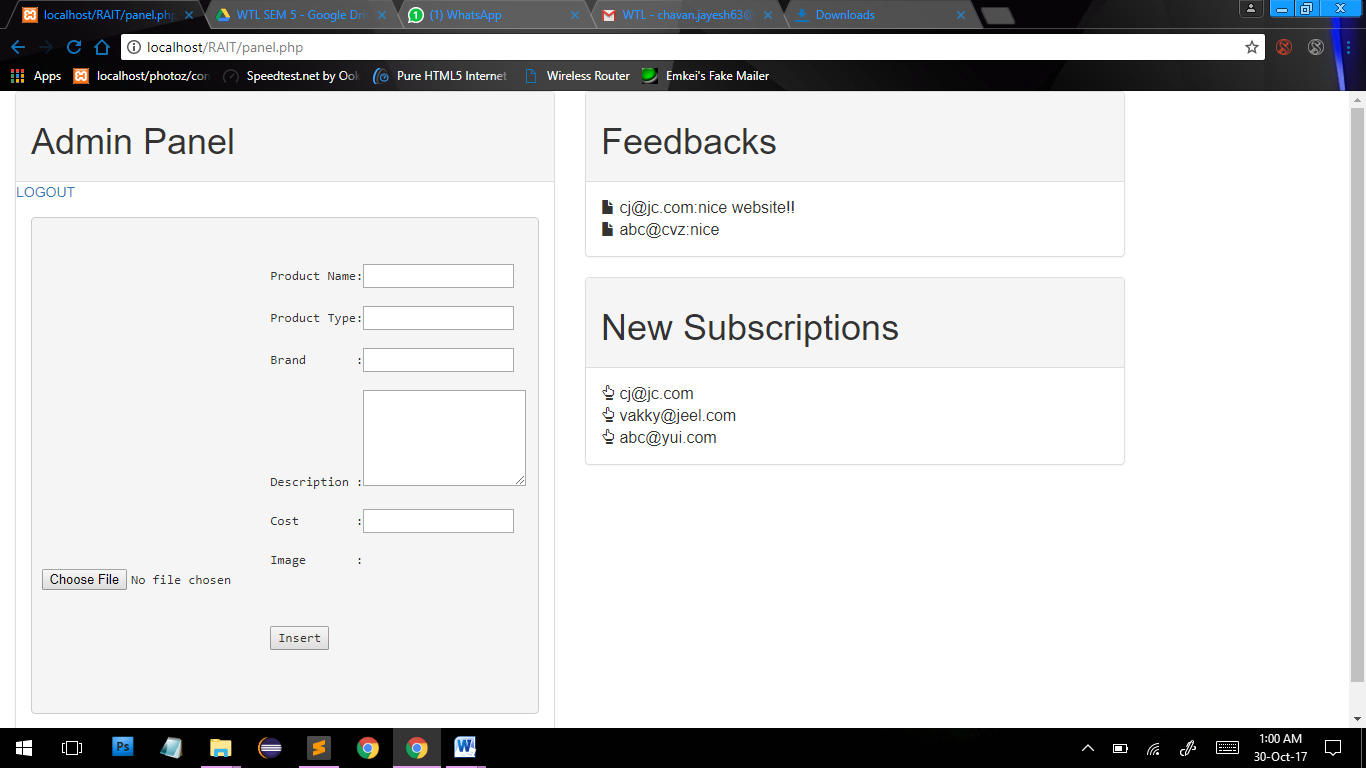
PRODUCT DESCRIPTION PAGE

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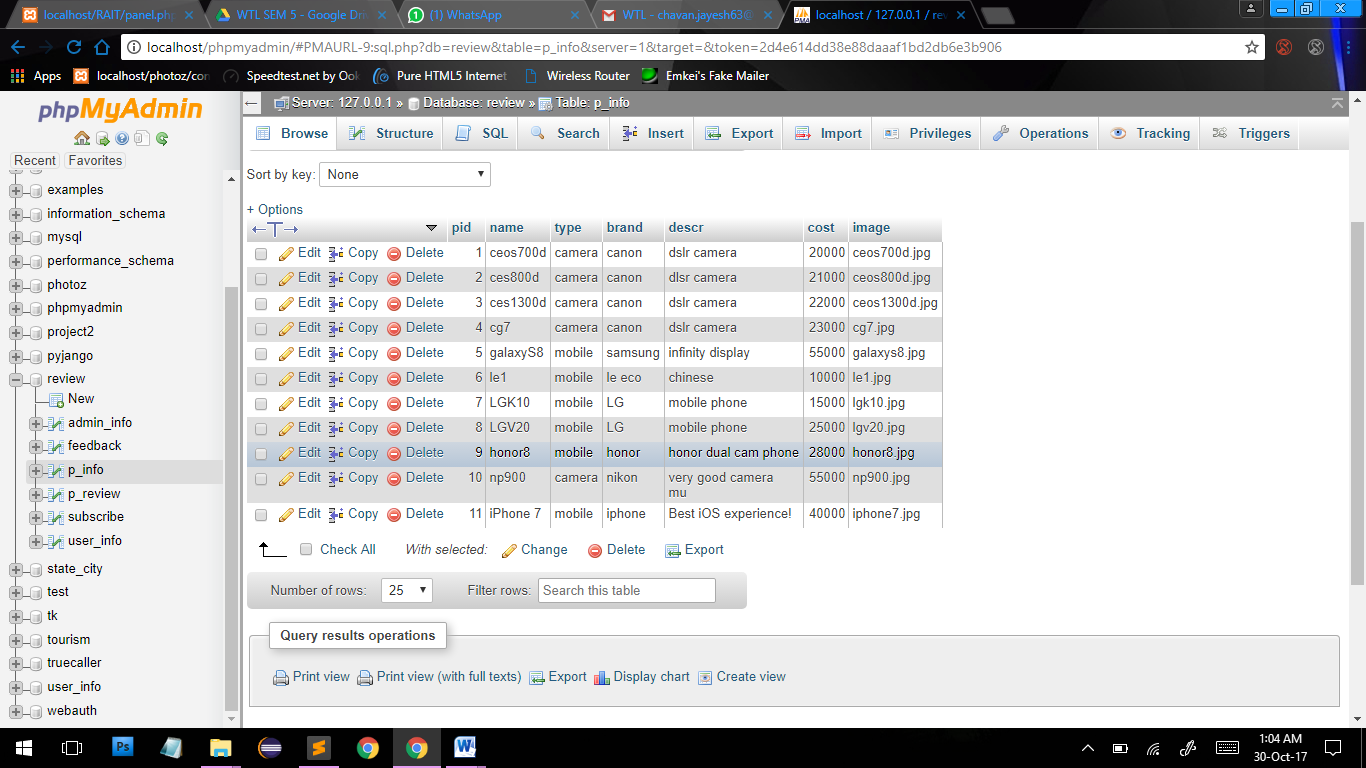
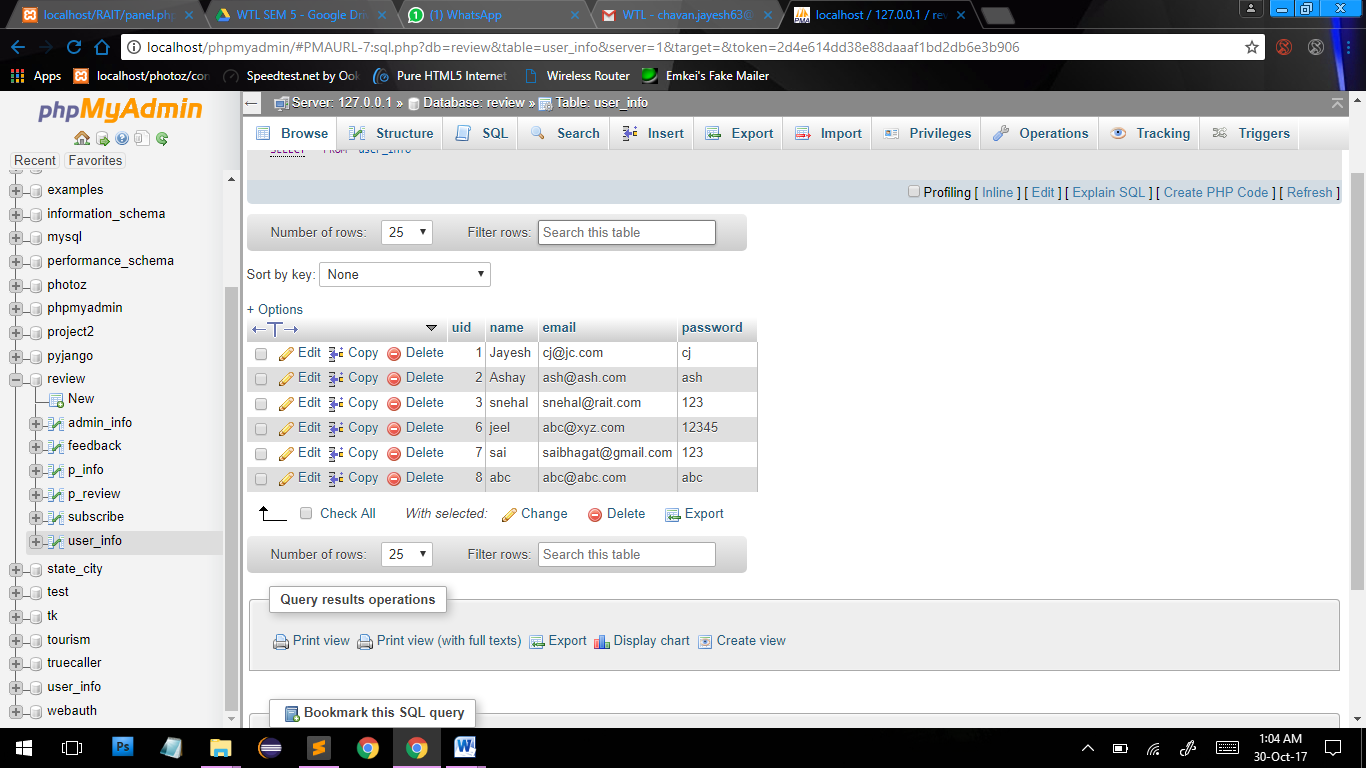
FEEDBACK FORM

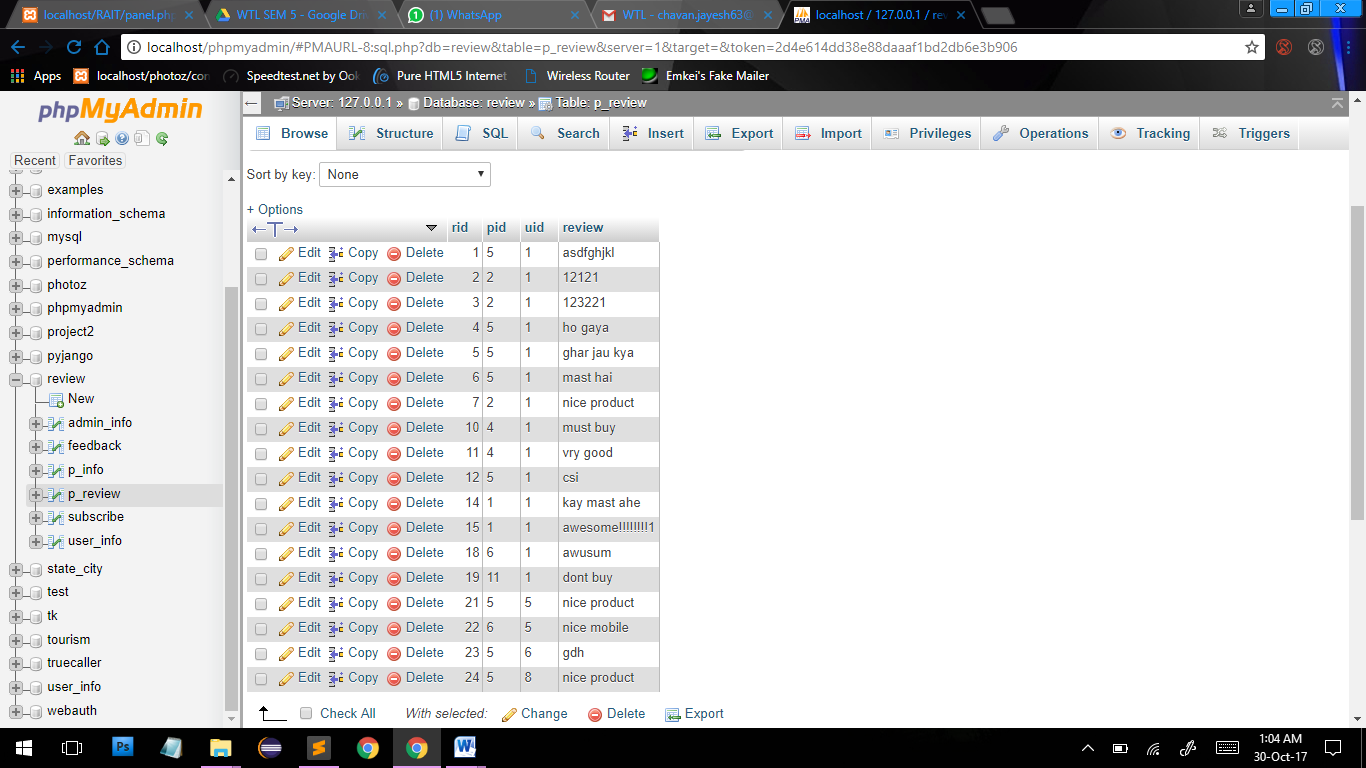
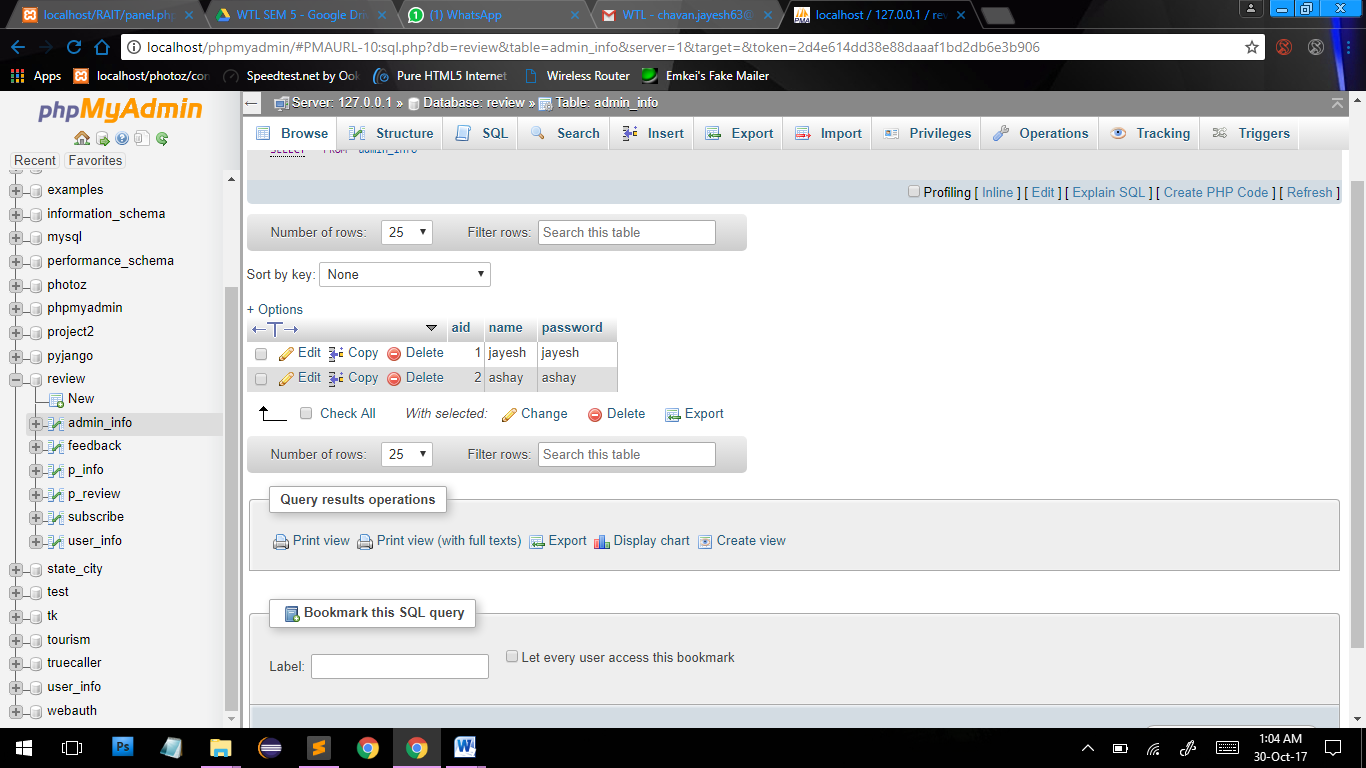
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USER LOGIN

****ADMIN PANEL

DATABASE

** **

****

DATABASE

**CHAPTER 6**

**Conclusion**

Finally, we would like to say that a good feedback is the one which is transparent and is able to narrow down the communication rift between the users as much as possible and our web application is aimed towards achieving just that. Our web application is therefore a tool that is light weight, scalable and easily accessible and convenient for the users to use. The goal of the system is to design and implement a reviewing solution system that is scalable in terms of functionality, performance and worldwide application.