**DAYANANDA SAGAR UNIVERSITY**

**PROJECT REPORT**

***ON***

***Rural Karnataka***

***(E-commerce Website)***

***in partial fulfillment of***

***Continuous Internal Assessment***

***Full Stack Development Course***

## 

## BACHELOR OF TECHNOLOGY

***IN***

**COMPUTER SCIENCE & ENGINEERING**

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**CERTIFICATE**

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**ABSTRACT**

The Farmer to consumer aspect of electronic commerce (RuralKarnataka) is the most visible business use of the World Wide Web. Theprimary goal of aRural Karnataka e-commerce site is to sell goods (Essential needs) and services online and improve the growth of farmers.This project is a web based shopping system for an existing farmers of Karnataka. The project objective is to deliver the online shopping application.This project is an attempt to provide the advantages of online shopping to customers. It helps buying the products from the Farmers anywhere through internet by using a web site. Thus the customer will get the service of online shopping and home delivery from our Website.If we are providing an online portal where their customers can enjoy easy shoppingfrom anywhere, then we won’t be losing any more customers to the trending products present in our website.

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**1. INTRODUCTION**

**1.1. OBJECTIVE**

The Rural Karnataka Website is mainly useful for who haven’t time to go to shopping, those are just entered into this website and bought what ever they want from the farmers. Even it is night or morning they entered into this site, and chosen different items like groceries etc.. ‘Customer is our believe ’ mainly this website is based on this formula. After chosen items he bought into Pay pal process like VISA or MASTER credit cards or any Debit cards are accepted in this website. Customer is happily shopping at his rest place.

**1.2. PROBLEM STATEMENT**

E-commerce provides an easy way to sell products to a large customer base. However, there is a lot of competition among multiple e-commerce sites. When users land on an e-commerce site, they expect to find what they are looking for quickly and easily. Also, users are not sure about the brands or the actual products they want to purchase. They have a very broad idea about what they want to buy. Many customers nowadays search for their products on Google rather than visiting specific e-commerce sites.

The need for a robust and dynamic Rural Karnataka e-commerce application has been around since the advent of the Online shopping concept. Thus, we have developed an application to provide the best products and freshneeds from directly from farmers to the customers. Our website provides a search platform where a customer can find their best selling, trending products according to their choices. This system also helps to promote responsible and interesting offers so that customers can enjoy their favorable products and develop interest in online shopping.

**1.3. PROJECT OVERVIEW**

Once customer entered with his own username and password, at that time automatically verifies the customer , pops up ‘successfully login’ and user’s DashBoard will be displayed providing essential fresh needs of all categories.

Farmers can add , update , delete their product items, product prices ,discount etc.

Farmers play very important role in our website. Our website ‘Rural Karnataka’ try to increase the growth of farmer and their income.

Consumer after login can wish to view product details , add the product to cart and proceed to check out and payment options.

**2. REQUIREMENT SPECIFICATION**

**2.1. INTRODUCTION**

The customer can sign in (login) to a user account, and select the products based on their districts , add items to their cart. After placing an order for selected items, a user can make checkout and make payment with through a credit card or through cash. There is no need to wait in long queue for purchase. Customer can select their desired products.

**2.2. HARDWARE REQUIREMENTS**

* Intel i3 processor
* 8 – 16 GB RAM
* 256 GB SSD
* 512 kb cache memory

**2.3. SOFTWARE REQUIREMENTS**

* Languages : HTML , CSS , JAVASCRIPT
* Operating System : windows 10 or later
* Text Editor like Visual code editor
* Any browers to run the application

**2.3.1. Frontend Requirements**

The front end has been developed using HTML , CSS , and JavaScript. We have made it user friendly so that any user can able to access it.

**3. Analysis and Design**

**3.1. Website Application Structure**

Our website has main page for login i.e it contains with several sub-pages related to shopping that help user (farmer and customer) to use website efficiently and user-friendly.



**3.2 Pseudo Code**

1. **On Home Page**

<!DOCTYPE html>

<html>

<head>

<title> Sign AS</title>

<link href='https://fonts.googleapis.com/css?family=Poppins' rel='stylesheet'>

<style>

body{

background-image: url('Instagram.jpg');

background-repeat: no-repeat;

background-position: cover;

}

h{

font-size: 30px;

font-family:Poppins;

}

.one{

margin-top: 6cm;

background-color: white;

border-radius: 30px;

border: 1px solid black;

margin-left:450px;

margin-right:400px;

padding-bottom:50px;

}

.two{

margin-left: 2cm;

border: none;

width:30%;

text-align:center;

float:left;

clear: left;

border-radius: 10px;

background-color: #00C9A7;

}

.three{

border: none ;

text-align: center;

margin-right:2cm;

width:30%;

float:right;

border-radius: 10px;

background-color: #00C9A7;

}

.button{

border:none;

background-color: transparent;

padding:10px;

color:white;

}

.button:hover,.two:hover,.three:hover{

background-color: #00FF21;

border-radius: 10px;

}

a{

text-decoration: none;

color: darkblue;

}

.form{

font-family: Poppins;

}

@media screen and (max-width:1200px){

.one{

margin:100px;

width: 70%;

}

}

@media screen and (max-width:580px)

{

.one{

margin:20px;

}

.one .two , .one .three {

margin:10px;

}

}

@media screen and (max-width:570px)

{

.one{

margin:0.3mm;

}

.one .two , .one .three{

width:fit-content;

}

}

</style>

</head>

<body>

<div class = "one">

<form class = "form">

<br>

<center><h>Login As</h></center>

<br><br>

<div class = "two">

<button type = "button" class = "button"><a href = "login.html">FARMER</a></button>

</div>

<div class = "three">

<button type = "button" class = "button"><a href = "login.html">CONSUMER</a></button></button>

</div>

<br><br><br>

<div class = "four">

<center>Don't have Account ? <a href = "ca.html">Click Here !</a></center>

</div>

</form>

</div>

</body>

</html>

1. **On Login Page**

<!DOCTYPE html>

<html>

<head>

<title>Login </title>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<link href='https://fonts.googleapis.com/css?family=Poppins' rel='stylesheet'>

<script src = "sa.js"></script>

<style>

body{

background-image: url('bg-01.jpg');

background-repeat: no-repeat;

background-size:cover;

}

h{

font-size: 72px;

font-family: monospace;

font-style: italic;

background: linear-gradient(to bottom, yellow 50%, red 70%);

-webkit-background-clip: text;

-webkit-text-fill-color: transparent;

}

.form,.span{

font-family: Poppins ;

}

.span{

font-size:xx-large;

}

/\*.one,h{

width:fit-content ;

min-width: 10%;

max-width: max-content;

height: fit-content;

min-height: 10%;

max-height: max-content;

} \*/

.two{

padding-left: 450px;

padding-right: 450px;

}

.three{

padding-top: 20px;

padding-left: 10px ;

border: 2px solid black;

background-color: white;

border-radius: 30px;

box-sizing: border-box;

padding-bottom: 50px;

}

input{

min-width: min-content ;

}

#username,#password{

border: none;

font-family: Poppins ;

}

.five,.six{

border:none;

border-bottom: 2px solid rgb(160, 143, 143)

}

.in{

width: 30%;

border-radius: 30px;

border: 1px solid darkblue;

padding: 5px;

background-color: lightgray;

}

.in:hover{

border-color:mediumblue;

background-color: orange;

color: darkblue;

}

@media screen and (max-width:1200px) and (min-width :1125px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:410px;

padding-right:410px;

}

.form .span{

font-size:34px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:1125px) and (min-width :1050px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:380px;

padding-right:380px;

}

.form .span{

font-size:34px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:1050px) and (min-width :994px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:330px;

padding-right:330px;

}

.form .span{

font-size:32px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:994px) and (min-width :920px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:280px;

padding-right:280px;

}

.form .span{

font-size:29px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:920px) and (min-width :820px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:240px;

padding-right:240px;

}

.form .span{

font-size:26px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:820px) and (min-width :790px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:200px;

padding-right:200px;

}

.form .span{

font-size:24px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:790px) and (min-width :670px)

{

.one h{

font-size:80px;

}

.one .two{

padding-left:180px;

padding-right:180px;

}

.form .span{

font-size:22px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:669px) and (min-width :560px)

{

.one h{

font-size:60px;

}

.one .two{

padding-left:150px;

padding-right:150px;

}

.form .span{

font-size:20px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:559px) and (min-width :507px)

{

.one h{

font-size:40px;

}

.one .two{

padding-left:120px;

padding-right:120px;

}

.form .span{

font-size:19px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:508px) and (min-width :442px)

{

.one h{

font-size:22px;

}

.one .two{

padding-left:100px;

padding-right:100px;

}

.form .span{

font-size:18px;

}

#username,#password{

width:0.1em;

}

}

@media screen and (max-width:443px) and (min-width :330px)

{

.one h{

font-size:40px;

}

.one .two{

padding-left:60px;

padding-right:60px;

}

.form .span{

font-size:18px;

}

#username,#password{

width:0.1em;

}

}

</style>

</head>

<body>

<div class = "one">

<center><h> Rural Karnataka</h></center>

<br><br>

<div class = "two">

<div class = "three">

<form class = "form" method = "post">

<center><span class = "span">Sign Up</span></center>

<div class = "four">

<label for = "username" class = "name"><span style = "font-size:20px" class = "s1" >Username</span></label> <br>

<div class = "five">

<i class="fa fa-user-circle-o" style = "font-size:20px;"></i>

<input type = "text" id = "username" placeholder = " Type your Username " required>

</div>

<br><br>

</div>

<div class = "six">

<label for = "password"><span style = "font-size:20px">Password</span></label> <br>

<div class = "seven">

<i class="glyphicon glyphicon-eye-close" style = "font-size:20px;"></i>

<input type = "password" id = "password"placeholder=" Type your Password" required>

</div>

</div>

<br><br>

<div class = "eight">

<center><input type = "button" value = "Login" class = "in" onclick = "check()"></a></center>

</div>

<br><br>

<div class = "nine">

<center><a href = "fp.html">Forgot Password ? </a></center>

</div>

<br><br>

<div class = "ten">

<center>Don't Have Account ? <a href = "ca.html">Click Here !</a></center>

</div>

</form>

</div>

</div>

</div>

</body>

</html>

**JavaScript used :**

function check()

{

var x = document.getElementById("username").value ;

var y = document.getElementById("password").value;

if( x == "admin" && y == "12345")

{

alert("Login Successfull");

window.location = "dash.html" ;

return false;

}

else alert("Login failed !!!");

}

**4. IMPLEMENTATION**

**4.1. Programming Language for implementation**

* HTML (Hyper Text Mark Up language)
* CSS ( Cascade Styling Sheet)
* JavaScript

**5. APPLICATION and CONCLUSION**

**5.1. Applications**

* It saves time and money of the users.
* Improves the growth of farmer and their income.
* Promotes customer to access online shopping.
* Provides insight to trending offers and best selling products.
* Provides products based on the districts.
* Displays today’s deal on day to day basis.
* Essential needs are categories into freshneeds, paddy , pulses , dairy , etc …

**5.2. Conclusion**

E-commerce still represents one of the business methods that take advantage if done the right way, even if the stock market and commodities fell, but E-Commerce still able to survive and receive high transaction. E-commerce has a tremendous opportunity in the course of or business. In addition, it is also to introducing new techniques and styles in a transaction. Use the extensive E-Commerce in the Internet world is actually much better to bring the goodness of the individual or the state.

E-Commerce has undeniably become an important part of our society. The successful companies of the future will be those that take E-Commerce seriously, dedicating sufficient resources to its development. E-Commerce is not an IT issue but a whole business undertaking. Companies that use it as a reason for completely re-designing their business processes are likely to reap the greatest benefits. Moreover, E-Commerce is a helpful technology that gives the consumer access to business and companies all over the world.

**6. SNAPSHOTS**





















