DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

COLLEGE OF ENGINEERING AND TECHNOLOGY

TECHNO CAMPUS, GHATIKIA, BHUBANESWAR, 751003



**CERTIFICATE**

This is to certify that the project entitled, “E-commerce website ” is a bona fide work done and submitted by Amrutansu Mishra , bearing the Registration No.–1825106004 , Deepak Muduli, bearing the Registration No.–1825106008,Tanmay Kumar Nayak ,bearing the registration No.-1705106005 in partial fulfilment of the requirement for the award “ Master In Computer Applications ” Degree is an authentic record of the work done by Them under my supervision and guidance .The matter embodied in the project has not been submitted to any Other University for the award of any Degree or Diploma to The best of my Knowledge .The work carried out by them during the project period is original and performance during the compilation of project was appreciable.

**Mr Ananta Charan Ojha Dr.Jibitesh Mishra**

**(Project Guide) (H.O.D Dept.Of.CSA)**

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**DECLARATION**

 We, Hereby Declare that this written Submission Represents Our Ideas in Our Own words ad where others Ideas or Words Have been Included. we Have Adequately Cited and Referenced The original source’s .We also Declare that we have Adhered to all principals of the academics honestly and integrity and Have not misrepresented or Fabricated any idea in my Submission .

We understand that any violation of the above will cause for disciplinary action by the institute and can also evoke penal action from the source’s which have thus not been properly cited or from whom proper has not been taken when needed.

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**SYNOPSIS**

**E-COMMERCE WEBSITE**

**PURPOSE:**

* Sell the best product.
* For getting higher revenue
* Give product as per the latest technology

**SCOPE:**

**FEATURES:**

* Secure
* Easy to use
* User generated reviews
* COD available
* Return policy

**OVEVIEW:**

This project deals with developing an e-commerce website to know details features & buy smartphones. Websites contain the latest technology smartphones. User can look their needed products from this websites. The most important thing is COD is available in this website.

**Registration and login window:**

There is a registration window where new user can register them and login to their account. By this they can save products in the wishlist.

TECHNOLOGIES USED

**SOFTWARE REQUIRED:-**

LANGUAGE USED:

• FRONT END: HTML, CSS, JAVASCRIPT, AJAX  
• BACK END: PHP, SQL

SOFTWARE REQUIREMENT:

• Browser  
• Text editor  
• sever

Server: WAMP

Database: MySql

**HARDWARE REQUIREMENT**

Client side

* Browser (Any browser)
* Processor (Pentium 2.0 and above)
* Ram 256 mb

Server side

* Processor Pentium 2.0 and above
* Ram 1GB
* Hard disk 4GB

**FEASIBILITY STUDY**

**USE CASE MODEL:**

* Use Case model depicts the functionality provides by the system.
* Each use case in a use case diagram represents one and only one functionality.
* An usercase describes an interaction between a user (called an actor) and the  
  functionality provided by the system.
* It models a dialogue between an actor and the system.
* Use case specification is very important and plays a vital role in further analysis  
  and design of the system.
* Use case model:
* Use case Diagram(Graphical part)
* Use case Specification(textual part)

**USE CASE DIAGRAMS**

USER PANEL FUNCTIONS

**VISITOR**

**USER**

ADMIN PANEL FUNCTIONS

**ADMIN**

**USE CASE DESCRIPTION:-**

**Register**:-if a customer is a new user, he can request to register page. Register page open and ask for information about the customer and also ask to customer to choose login (email address) and password.

**Login**:-The customer can login by enter name and password. The system verifies the name and password matches. If not matches, error message shows to the customer.  
**Browse products:-**The customer request to view the product category. The system will display the information about product of selected category.

**Shopping cart**: The customers finds the product he wants, add to shopping carts. The systems stores and track the information product.

**Manage profile:** The customer request to update customer info about his name, address etc. if updated information stores in current information.

**Update product info**:-The admin request to update product information including price and brand etc. and system update in database.

**Place order:-**The customer completes the shopping he request to place order. The payment mode is cod.

**USE CASE SPECIFICATION:-**

**Use Case name:-Login**A registered user can login the process by which users log into the order processing system. It also  
sets up access permissions for various categories of users.  
Actors :-

**• Customer**

**Flow of Events:-**

**A. Basic flow**

1. The registered user choose to Login.  
2. The system prompt for username and password.  
3. The user enters a username and password.  
4. The system will verify the information.  
5. The system will set access permissions.  
6. The system will display the main screen and awaits subsequent action from the  
user.

**B. Alternative flows**

1. Invalid username/password: The system displays the authentication failed  
   message.

**Special requirements:-**

Minimum password length is 8 characters and must include a combination of characters including at least one non-alphabetic character.  
Pre-condition:  
User must have registered.

**REFERENCE**

* W3SCHOOLS.COM
* YOUTUBE
* [WWW.MYSQL.COM](http://WWW.MYSQL.COM)

**Entity Relationship Diagram**

Faculty

ADMIN

Student

LOGIN

REGISTER

PRODUCT

ADD/REMOVE

PROFILE

PRODUCT

ADDED TO CART

ORDER

DELIVERY