

A  
**SYNOPSIS REPORT**  
OF  
**FINAL YEAR PROJECT**  
**“ONLINE VAISHNAVI JEWELLERY WEBAPPLICATION”**

SUBMITTED BY:

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## ABSTRACT

**“Online Sponsored Vaishnavi Jewellery Shop”** is basically used to build an application program which help people to find and buy latest design of jewellery with different categories like Gold, Silver, Diamond. It is useful in the way that it makes an easier way to buy productsonline.

Today most of the jewellery shop is useful for shopping site. The admin of paper work and they are using desktop, mobile application to manage data in soft copy about user record. In this proposed jewellery System, it will run in server and user can handle whole the registration activities. It has facilities to generate various types of reports (like pdf, excel) which are required by the management during event organizing.

The aim of this application is to reduce the manual effort needed to manage transactions and historical data used in various gods owns. Also, this application provides to users to view the details about events.

## INTRODUCTION

The main objective of proposed system, is to provide Online jewellery Shopping solution to consumers and vendors. It will automate some of the basic operations of an onlinestore. Scope would be to provide basic functionalities using a web application so that those manual process can be automated. It will include to provide administration access to vendors and admins and user specific access to customers.

Users can access the application from any computer connected to the Internet or Intranet, instead of using an application installed on the stand-alone computer. Application isdesigned to manage the inventory, keep a check on the specifications, and take care of everything from sales to accounting. This makes your job more effective and comfortable.

Many more Online Jewellery shopping applications are available in market like Tanishq, BlueStone and Caratlane etc. Buyers can purchase the jewellery shopping orders with just few clicks of the mouse and without visiting the physical jewellery stores or taking leave from their office. Comparison of designs, prices and patterns of jewellery can be done easily on different jewellery trading portals and websites. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all time.

## **NECESSITY OF WORK**

- The main necessity of jewellery web application is for online Business Growth.
- Jewellery web applications can offer valuable services that will be available 24/7 and in any location.
- Comparison of designs, prices and patterns of jewellery can be done easily on different jewellery trading portals and websites.

## LITERATURE REVIEW

The earrings store billing system is used to, Paperless billing machine offers corporations and corporations several blessings which include elevated work competence, productiveness, and statistics safety. They are lesson paintings and time, However, there are numerous agencies, especially small-scale agencies, that are nonetheless functioning underneath a paper middle milieu. It's far reduce time and great control of the machine, groups, paperless device consequences in ought to suggest closely reduced paintings and universal price slicing. This document incorporates of all of the related work and explains the working of the machine to management of smart bill printing.

Advantages -

- 1) SMS invoice gadget.
- 2) Advanced control gadget for managing database
- 3) Work and time saving gadget.
- 4) Paperless invoice printing

Limitations - In each specific segment customer a are limited. So, it is not possible to produce products in mass scale for every segment.

This paper has presented a Developing an augmented reality-based application to place virtual replicas of objects instead of real jewelry in jewelry shops. A virtual object is superimposed on some target that appears to be a real one. The user has to wear a marker (different for the corresponding item), and that particular item will be superimposed onto that. By utilizing ICP calculation, the recreation of 3D items is conceivable. The item will be overseen itself as indicated by the client continuously by utilizing HAAR. Payment integrations, user authentication, and order functionality have been integrated to make this app as competitive as other e-commerce applications.

Advantages: -The biggest advantage of Augmented Reality is that it creates unique digital experiences that blend the best of digital and physical worlds. Also, it does not need any special hardware or software to savor the experience.

Limitations: -The limitations of augmented reality include bulky and expensive headsets with a limited field of view (FoV), security concerns when AR data is manipulated to influence worker decisions, a high and expensive learning curve to use, and a lack of truly precise spatial location systems for objects.

This paper has presented a basically used to build an application program which help people to find and buy latest design of jewellery with different categories like Gold, Silver, Diamond. It is useful in the way that it makes an easier way to buy products online. Today most of the jewellery shop is useful for shopping site. The admin has lots of paper work and they are using desktop, spread sheet like MS Excel application to manage data in soft copy about user record. In this proposed jewellery System, it will run in server and user can handle whole theregistration activities. It has facilities to generate various types of reports (like pdf, excel) which are required by the management during event organizing.

Advantages: -

1. Cost efficiency with cloud computing, you can save money that you may otherwise spend on buying, setting up and using hardware, software and other IT-related infrastructure. 2. Enhanced collaboration Collaborating via the cloud allows you to communicate and share updated information promptly in just a few clicks.

According to the survey on Chatbot Implementation in Customer Service Industry through Deep Neural Network, the strategies for creating rules for chatbot have been advanced strategy for creating chatbots has depended on hand-written rules and templates. With the rise of deep learning these models were quickly replaced by an end-to-end neural network.

Advantages - made a chatbot in python that can understand user queries and reply accordingly.

Limitations - Lack of customer perspective in building the chatbot.

This thesis aimed at researching trends in software delivery as well as the underlying changes made by companies in order to enhance their technological capabilities and be a stronger competitor on the market. This research was implemented and documented under the strict supervision of the Vaimo Group. The research was done in a company that decided to apply a set of capabilities to a newly developed CI/CD pipeline based on the containerization technology. Description of the implemented and newly developed pipelines was provided to highlight capabilities of the new containerized software delivery pipeline.[5]

Advantages: -

- 1) Faster, better product delivery
- 2) Faster issue resolution and reduced
- 3) Complexity Greater
- 4) scalability and availability
- 5) More stable operating environments

# MODULES

## 1.Admin panel

## 2. Customer panel

### 1. Admin panel

Admin module allows system administrator to set up back-end of the system and perform basic system configuration. First admin has to login with login credentials which are hardcoded in database then and then only administrator is able to update data.

The fields provided to admin are

- **Banner**-In which admin can add banner, slider images of home page or delete existing one.
- **Category**-Admin can update products in list.
- **Enquiry**-Here all the queries submitted by customer are displayed.
- **Customer-master** -All the information of registered customer is displayed.
- **SMS**-Admin is able to send offer or festival SMS to their client.

### 2.Customer panel

Here customer is able to view all products and explore it. Live chat is a way for business to support customers with real-time conversation in an application. When our customer wants to get in touch or have a question, more reach for chat than email or phone because chat is 1-on-1, convenient and real time. So, we are providing, Live chat option for our customers. If customer has any query related to product, then he is able to submit the query.

We are providing virtual jewellery wear option where customer is able to try jewellery virtually. If customer wants to buy the product, then they can buy it online through net-banking, UPI etc.

## METHODOLOGY

### System analysis/planning:

In this step business objectives are identified, in order for the project to have measurable targets and achievements. Also some functionalities of the system that the system must produce in order to achieve the business objectives, are defined.

### System design:

In this step the main components of the system and their relationship to one another should be described. This phase consists of the logical design, where functions that are going to be performed, databases that are going to be used, security procedures and controls to be used, are all specified. This phase also includes the physical design, which is the materialization of the logical design.

### Testing the system:

Once the coding is complete the system has to be thoroughly tested. Unit testing involves the testing of the website's modules. System testing aims to test the site as a whole and ensure its functionality for the user. Acceptance testing is used to verify that the system meets the business objectives, that were defined in the system analysis phase.

### Implementation and maintenance:

This step is very important, since websites, as any other software, may break down. They need continuous checking, testing and repair. A perfectly designed website, which is often unavailable due to technical reasons, is not a successful one.



## PLANNING OF WORK

### 1. Data Pre-processing:

- For this jewellery web application, we are using trending technology which is react and node js .
- In web application, There is two parts admin panel and customer panel. We can insert images, details and gold rate through admin panel and also delete and update all information any time.
- Customer panel contain admin uploaded information , payment gateway and product enquiry page.

### 2. Development :

- Jewelry web application created for save users time
- User can access the application from any computer connected to the Internet, instead of using an application installed on the stand-alone computer.
- First of all, admin create their login and update all details about product and gold rate.
- Then all details of product will be display on web application, Customer can check all details about product and also wear that jewellery through virtual mode.
- If the customer has any queries, then they send their query.
- Also, customer can buy products through website.

### 3. Training and Testing :

- In module testing, a single component is tested and later integrated with other components.
- In module testing, you can independently test the signup, sign in, adding items to the cart, etc., and integrate them into a complete application.

## HARDWARE AND SOFTWARE REQUIREMENT

### Hardware Requirements: -

- **Processor** – Intel Core i5 and above
- **Hard Disk** – 1TB
- **Memory** – 16 GB RAM
- **System Type** – 64-bit Operating System
- **Mouse, Keyboard** – Any Standard

### Software Requirements: -

- **OS** – Windows
- **Database** – MySQL (Free – Open Source)
- **Language** – HTML, CSS, JavaScript
- **Framework** – ReactJS
- **Backend** – NodeJS

## REFERENCES

1. "E-commers using Jewellery Shop Application" Tejaswini D. Mali, Pranali P. Wathare, Moseena M. Mulla, Prof. S. B. Shendge. [https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.irjet.net/archives/V7/i1/IRJET-V7I1202.pdf&ved=2ahUKEwiKndqngpH7AhWhSmwGHfzfCHsQFnoECBMQAQ&usg=AOvVaw1X\\_wpTXZRn\\_yzGBYFqVMY-2](https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.irjet.net/archives/V7/i1/IRJET-V7I1202.pdf&ved=2ahUKEwiKndqngpH7AhWhSmwGHfzfCHsQFnoECBMQAQ&usg=AOvVaw1X_wpTXZRn_yzGBYFqVMY-2).
2. An Augmented Reality application for Jewelry Shopping [https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.researchgate.net/publication/353922651\\_An\\_Augmented\\_Reality\\_application\\_for\\_Jewelry\\_Shopping](https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.researchgate.net/publication/353922651_An_Augmented_Reality_application_for_Jewelry_Shopping).
3. Sarthak Gupta 1, Monil Pahwa2, Prayant Gupta3 and Surinder Kaur4,\* , AngelesQuezada5, July2021. [https://www.researchgate.net/publication/353922651\\_An\\_Augmented\\_Reality\\_application\\_for\\_Jewelry\\_Shopping](https://www.researchgate.net/publication/353922651_An_Augmented_Reality_application_for_Jewelry_Shopping).
4. "Online Jewellery Shop Based on cloud", Pritam Bansiyal 1, Dr. Mohammad Tajmul 2, April2022 <https://ijsrem.com/download/online-jewellery-shop-based-on-cloud/>
5. Sweety Sahani, Sushmitha Mary "Chatbot Using Python" <https://doi.org/10.22214/ijraset.2022.43045>
6. Title of Bachelor's thesis: DevOps in E-commerce software development Author: Roman Zakharenkov [https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.theseus.fi/bitstream/handle/10024/171099/Zakharenkov\\_Roman.pdf%3Fsequence%3D2%26isAllowed%3Dy&ved=2ahUKEwjVnfrwq5H7AhWJT2wGHVf3BXUQFnoECBIQAQ&usg=AOvVaw3YRjrjVsXljzcqtV\\_xvgT35](https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.theseus.fi/bitstream/handle/10024/171099/Zakharenkov_Roman.pdf%3Fsequence%3D2%26isAllowed%3Dy&ved=2ahUKEwjVnfrwq5H7AhWJT2wGHVf3BXUQFnoECBIQAQ&usg=AOvVaw3YRjrjVsXljzcqtV_xvgT35)

## BOOK REFERENCES

1. Learn JavaScript VISUALLY with Interactive Exercises.
2. JavaScript and JQuery: Interactive Front-End Web Development.
3. Eloquent JavaScript, 3<sup>rd</sup> Edition: A Modern Introduction to Programming.
- Python Crash Course: A Hands-On, Project-Based Introduction to Programming (2<sup>nd</sup> Edition) Author: Eric Matthes.

**Guide-**



**Signature of Guide**

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