Rayat Shikshan Sanstha's C.D.Jain College Of Commerce, Shrirampur.



A Project Report On "Dnyaneshwari jwellers" Submitted to



University of Pune

In Partial Fulfilment of The Requirement Of BBA(CA)-III

(Bachelor of Business Administration in Computer Application)

Submitted By

Mr.Mandan Kshitij Chandmal Mr.Lolage Pranav Ganesh

Under a Guidance of Prof.Deshpande mam.

During The Academic Year 2023-24

Internal Examiner

R A Y A T S H I K S H A N S A N T H A 'S C.D. JAIN COLLEGE OF COMMERCE, SHRIRAMPUR



CERTIFICATE

(Department of BBACA)

This is to certify that Project entitled "Dnyaneshwari Jwellers" Submitted by Mr.Lolage Pranav Ganesh and Mr.Mandan Kshitij Chandmal student of BBA(CA)-II (Bachelor Of Business Administration in Computer Application) had satisfactorily completed the project during the academic year 2024-25

Date:	
Project Guide	Head of Department
Mrs.Deshpande S.P	Mr. Chandratre Y.V

External Examiner

ACKNOWLEDGEMENT

We have taken efforts in this project. However, it would not have been possible

without the kind support and help of many individuals and organization. We would to kind to

extend our sincere thanks to all of them.

First and foremost, we want to thanks Prof. Chandratre. HOD (BBACA) in

C. D.Jain College, Shrirampur for giving us an opportunity to work on this project.

We are highly indebted to Mrs.Deshpande S.P mam for his guidance and constant

supervision as well as for providing necessary information regarding the project & also for

his support in the project.

We would like to express our gratitude towards our parents & members of

Information technology department for their kind co-operation and encouragement which

help us in completion of this project.

Our thanks and appreciations also go to our colleague in developing the project and

people who have willingly helped us with their abilities.

Place: Shrirampur

Date:

Signature:

Mr.Lolage Pranav Ganesh

Signature:

Mr.Mandan Kshitij Chandmal

DECLARATION

We Mr.Lolage Pranav Ganesh and Mr.Mandan Kshitij Chandmal student of BBA(CA)-II,

C.D Jain college Of Commerce, Shrirampur declare that the project entitled "Dnyaneshwari

Jwellers" Have been completed successfully & this project is submitted towards the partial

fulfillment of the requirement of the degree of BBA(CA). This project is not submitted for any other

degree, Diploma or other similar title or prize in any other university.

Place: Shrirampur

Date: / /2024

Signature:

Mr.Lolage Pranav Ganesh

Signature:

Mr.Mandan Kshitij Chandmal

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CERTIFICATE OF COMPLETION



This certificate is awarded to,

Mr.Lolage Pranav Ganesh Mr.Mandan kshitij Chandmal

This is to certify that Lolage Pranav Ganesh and Mandan kshitij

Chandmal have successfully completed a project.

The completed project "Dnyaneshwari

Jwellers" in a span two

Months under the guidance of Mrs.Deshpande S.P They were found to be a

Dedicated

With a depth understanding of their domain work.

Signature

Mrs.Deshpande S.P

Introduction

We Consist Jewellery of small decorative items worn for personal use like rings, neckless, earrings, pedants, bracletes, etc.

Our company "Dnyaneshwari jewellers" Manufacture the gold and silver jewellery and sales to customer. Our company can also make the jewellery on customers chosen design.

In our company we have all type of jewellery ie traditionally jewellery, fancy jewellery and also have somelatest and trading jewellery items and also have Gemstones.

In keeping view of jewellery shop database requirement we have developed this project using PHP asbackend and HTML,CSS,JS as Frontend.

Our System keeps record in systematic way, which allows us to find any record easily in our database.

Motivation

The motivation behind developing an online jewelry booking website stems from the increasing demand forconvenient and accessible platforms for purchasing jewelry.

Traditional methods of purchasing jewelry often involve visiting multiple stores, which can be time-consuming and inconvenient for customers.

By providing an online platform, customers can browse through a wide range of jewelry options from the comfort of their homes, saving time and effort.

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Problem Statements

In the rapidly evolving landscape of e-commerce, the jewelry industry faces challenges in adapting to the preferences and needs of modern consumers. Traditional brick-and-mortar stores often fail to provide the convenience and variety that customers seek, leading to a growing demand for online platforms. However, existing online jewelry platforms may not fully address the specific requirements of consumers, leaving gaps in the market that need to be filled.

The problem at hand is the absence of a comprehensive online jewelry booking website that seamlessly integrates the intricacies of jewelry selection, customization, and booking processes. This lack results inseveral challenges:

1. Limited Access to Diverse Jewelry Collections:

Many consumers struggle to find a wide variety of jewelry options that cater to their individual tastes and preferences. Existing online platforms may offer limited selections, leaving customers searching across multiple websites to find the perfect piece.

2. Complex and Time-consuming Booking Procedures:

The process of booking jewelry online can be cumbersome and time-consuming, involving multiple steps such as browsing, selecting, customizing (if available), and booking. This complexity often discourages potential customers from completing their purchases.

Purpose/Objective and Goals

The computerized system was needed because there were following drawbacks in the present manual system.

- Keeping a record of all entered information was a very difficult job.
- Searching a particular record was hard because it involved in searching all entries which requiredmore time.
- Manual system is difficult & time consuming.
- Due to computerized data storage & retrieved is done efficiently.
- Human errors are reduced.
- Makes system user friendly.
- Current records can be matched with the past records which improves planning & implementation.

Literature Survey

A literature survey will be conducted to explore existing	gonline jewelry platforms and identify best
practices and challenges within the industry.	

This survey will encompass research articles, industry reports, and case studies related to online jewelry retailing, customer preferences, e-commerce trends, and technological advancements in virtual try-on solutions.

Project scope

In this system when we sale jwellery to a customer that time we take the information of that customer that means Customer name, customer address, customer phone no, etc We keep the record of that customer. Our system also maintain the information of products such as Product name, product price, product makinginformation etc.

All time bookings will be maintained of every customer, our system only create bookings records will be displayed, All time bookings records will be maintained of every customer, Reports will be generated.

Due to simple GUI no need to take special training for using use can learn it very easily.

Limitations

✓ The system does not work on platforms other than windows.
✓ Client server architecture is not implemented.
✓ This system does not provide multi-user facility.
✓ No more security is provided.
✓ This system does not provide multi-user facility.

 \checkmark This system is based on one to one interaction with customer

SYSTEM ANALYSIS

Existing System

In the Existing system the all work was done manually so there was lot of chances of mistakes. Finding record in register is very hard and this process is time consuming, this take lot of time. All customer records are stored in written type. i.e books, billing books, registers.

In the existing system to maintain the record and keeping it in systematic way was very difficult. At the time of rush it create lot of problems to focus on other customer.

In the existing system Owner or user gets irritate while booking. If customer buys lot of items then it wasvery difficult and time consuming to create the bill.

At the time of rush or in festival season due to lot of customer at a time in booking and probability to make mistake was high. And we can't keep customers record for long time because it store in written formatand it take lot of space. And bill were done manually that's why billing process is slow.

Scope and limitations of existing systems

SCOPE: LIMITATIONS:

- 1. Limited Product Information: The system may lack detailed product information, such as materials used, dimensions, or care instructions, which could lead to user uncertainty and dissatisfaction.
- 2. Inadequate User Support Resources: Insufficient self-help resources, such as FAQs or knowledge bases, may result in users seeking assistance through customer support channels, increasing workload and responsetimes for support agents.
- 3. Limited Product Customization: The system may lack options for product customization, such as engraving or sizing adjustments, limiting users' ability to personalize their purchases.
- 4. Slow Loading Times: Slow loading times for product pages or images can frustrate users and lead to anegative perception of the website's performance and reliability.
- 5. Ineffective Marketing Strategies: Poorly executed marketing strategies or lack of targeted advertising efforts may result in low visibility and traffic to the website, impacting sales and revenue generation.

Project perspective, features:

The convenience of online shopping:-

- Saves time and efforts.
- The convenience of shopping at home.
- Wide variety/range of products are available.
- Good discounts / lower prices
- 1.User Registration and Authentication: Allow users to create accounts, log in securely, and manage their profiles. Registration could be simplified with social media integration.
- 2. Product Catalog: Showcase a wide range of jewelry products, including rings, necklaces, earrings, bracelets, and more. Each product should have detailed descriptions, high-quality images, and pricing information.

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Stakeholders:
1-Admin.
2-Customer.

Requirement analysis:

1. Stakeholder Identification:

Identify the key stakeholders involved in the project, including clients, end-users (customers), administrators, marketing teams, and technical teams.

2. Gathering Requirements:

Conduct interviews, surveys, workshops, and brainstorming sessions with stakeholders to gather requirements.

Gather both functional requirements (what the system should do) and non-functional requirements (quality attributes like performance, security, and usability).

3. Validation and Verification:

Validate requirements with stakeholders to ensure they accurately reflect their needs and expectations. Verify requirements for consistency, feasibility, and alignment with project objectives.

4. Continuous Communication:

Maintain open communication channels with stakeholders throughout the requirement analysis process toaddress any questions, concerns, or changes promptly.

Functional Requirements

1. User Registration and Authentication:

Users should be able to create accounts with a unique username and password. Users should be able to log in securely using their credentials.

Optionally, provide social media login integration for convenience.

2. Product Catalog Management:

Display a comprehensive catalog of jewelry products, including various types (e.g., rings, necklaces, earrings, bracelets), styles, and designs.

Allow administrators to add, edit, and remove products, including uploading product images, descriptions, prices, and other details.

Organize products into categories and subcategories for easy navigation.

3. Customer Support:

Provide access to customer support channels, such as email, live chat, or a help desk, for users to receive assistance with inquiries, issues, or customization requests.

4. Responsive Design:

Ensure the website is fully responsive and accessible across devices, including desktops, laptops, tablets, and smartphones.

Performance requirements:

1. Response Time:

The website should have a fast response time for page loading, with most pages loading within 2-3 seconds. Response time for critical actions, such as adding items to the shopping cart or completing checkout, should be less than 1-2 seconds.

2. Database Performance:

Database queries should be optimized to ensure fast retrieval of product information, user data, and bookingdetails.

Implement indexing, query optimization, and database caching techniques to improve database performanceand minimize response times.

3. Session Management:

Session management should be efficient to handle user sessions securely and maintain session state acrossmultiple requests.

Implement session timeout mechanisms to release resources for inactive sessions and prevent resource exhaustion.

4.By defining and adhering to these performance requirements, the online jewelry booking website can deliver a fast, reliable, and responsive user experience, even under high traffic conditions. Regular monitoring and performance testing should be conducted to identify and address any performance issuesproactively.

Security requirements

1. Data Encryption:

All sensitive data, including user credentials, payment information, and personal details, must be encryptedduring transmission using secure protocols such as SSL/TLS.

2. Secure Authentication:

Implement strong authentication mechanisms, including password hashing, salting, and enforcing passwordcomplexity requirements.

Offer multi-factor authentication (MFA) options to enhance account security.3.Data Protection:

Implement measures to protect user data at rest, including encryption of stored passwords and sensitive information in the database.

Regularly audit and monitor access to user data to detect and prevent unauthorized access or data breaches.

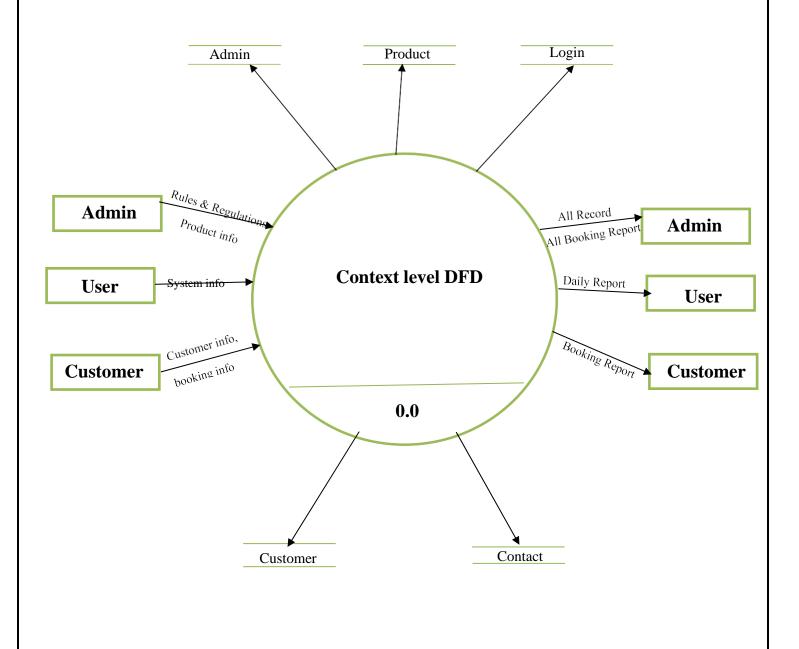
By incorporating these security requirements into the development and operation of the online jewelry booking website, you can establish a robust security posture and protect against potential threats and vulnerabilities. Regular updates and proactive security measures are essential to maintain the integrity and trustworthiness of the platform.

System Model: DFD

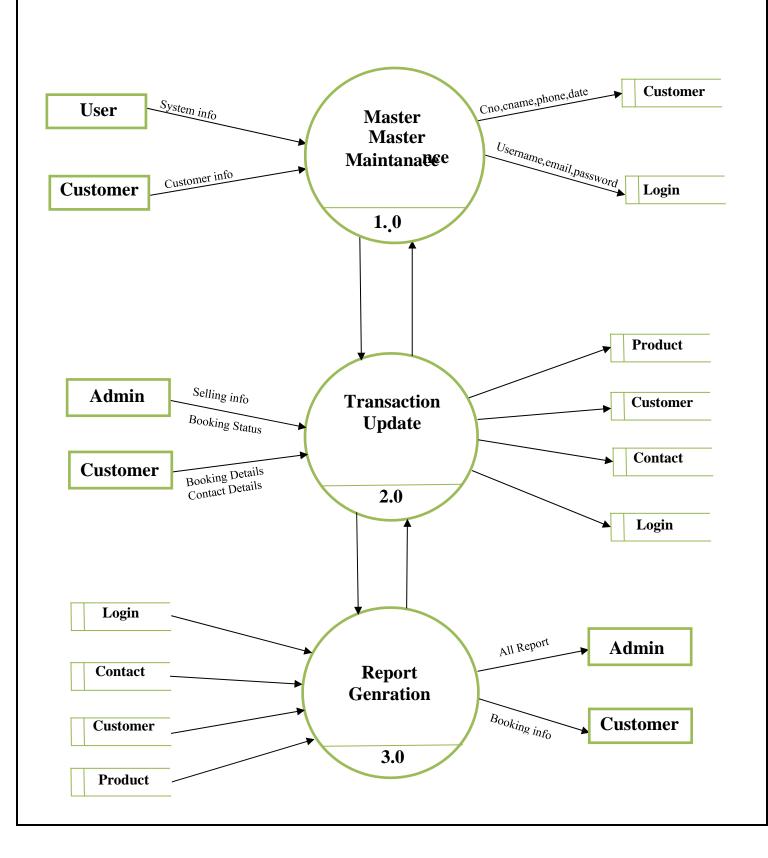
zeroth Level DFD(Context level):

Live Entities:

- Admin
- User
- Customer



First Level DFD:



DATA MODEL

Table Name: CUSTOMER

Description: this table use to store information of customer

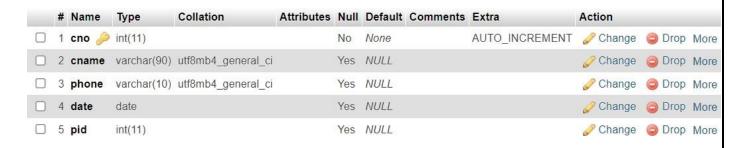


Table Name: PRODUCT

Description: this table use to store information of product



Table Name: CONTACT

Description: this table use to store information of contact

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	name	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More
2	email	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More
3	msg	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More

Table Name: ADMIN

Description: this table use to store information of admin

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	username 🤌	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop	More
2	password	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More

Table Name: LOGIN

Description: this table use to store information of login

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	username	varchar(90)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More
2	email 🔑	varchar(90)	utf8mb4_general_ci		No	None			Change	Drop	More
3	password	varchar(90)	utf8mb4_general_ci		Yes	NULL			Change	Drop	More

User interfaces

HOME PAGE:



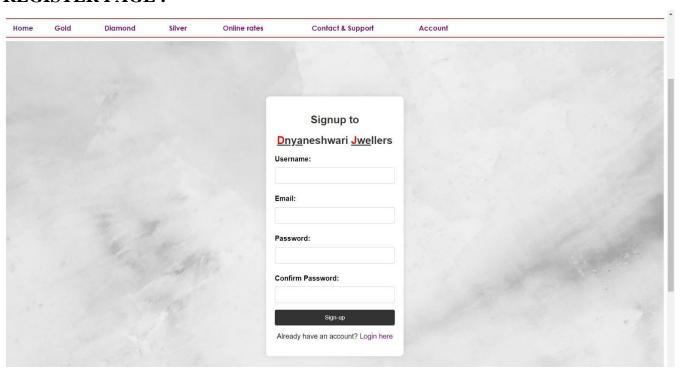
<u>Dnya</u>neshwari <u>Jwe</u>llers

 $Shrirampur: Taklibhan \mid Maharashtra \mid A.Nagar-413725$ $email: -dnyneshwarialankar@gmail.com \mid GST-IN=07AAECR2971C1Z$





REGISTER PAGE:



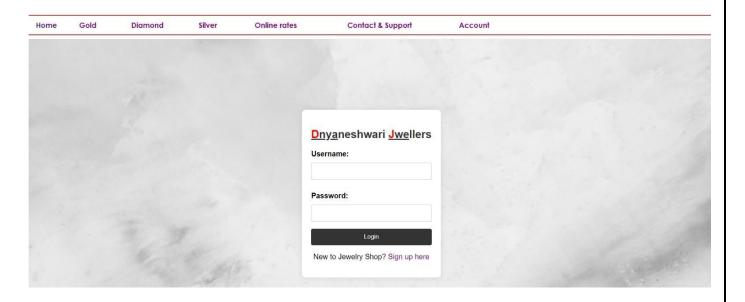
LOGIN PAGE:



<u>Dnya</u>neshwari <u>Jwe</u>llers

Shrirampur:Taklibhan | Maharashtra | A.Nagar-413725
email:-dnyneshwarialankar@gmail.com | GST-IN=07AAECR2971C1Z

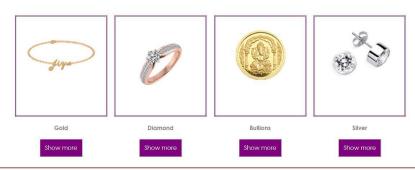




SHOP BY CATEGORY:

Shop by Category

A one-stop shop for all of your jewellery needs!





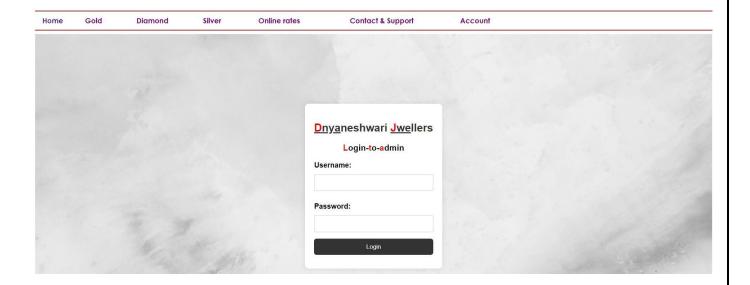
ADMIN LOGIN PAGE:



<u>Dnya</u>neshwari <u>Jwe</u>llers

 $Shrirampur: Taklibhan \mid Maharashtra \mid A.Nagar-413725$ $email: -dnyneshwarialankar@gmail.com \quad \mid \quad GST-IN=07AAECR2971C1Z$





ADMIN PAGE:



<u>Dnya</u>neshwari <u>Jwe</u>llers

 $Shrirampur: Taklibhan \mid Maharashtra \mid A.Nagar-413725$ $email: -dnyneshwarialankar@gmail.com \quad \mid \quad GST-IN=07AAECR2971C1Z$



Welcome Admin

Contact Details

Login Details

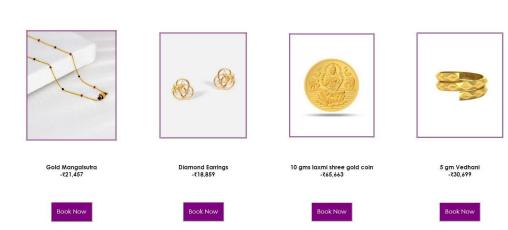
Booking Details

Log-Out

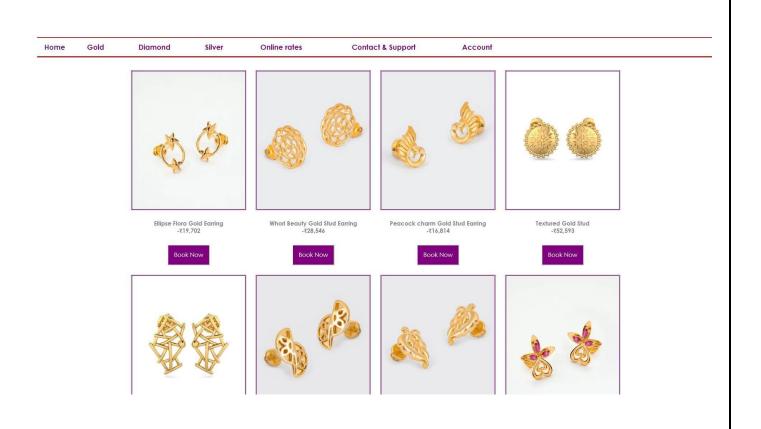
BEST SELLERS:

Best Sellers

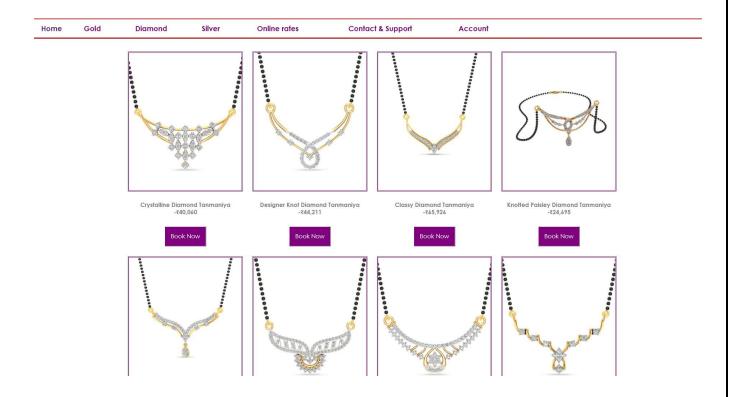
Freshen up your look..!



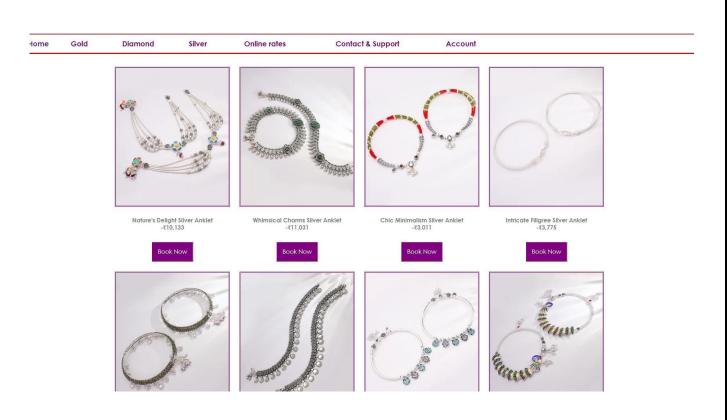
GOLD PRODUCT PAGE:



DIAMOND PRODUCT PAGE:



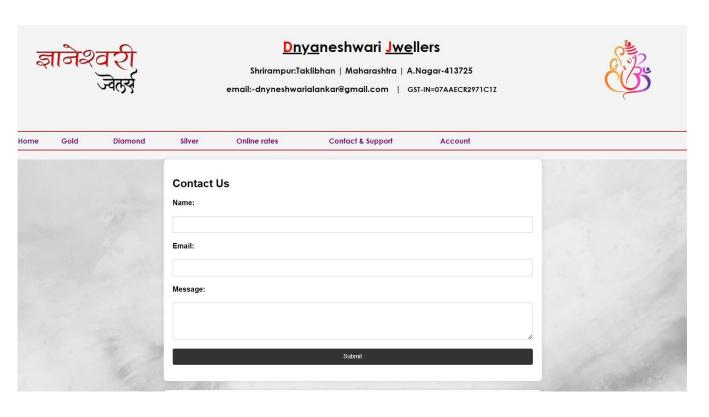
SILVER PRODUCT PAGE:



BULLIONS PRODUCT PAGE:

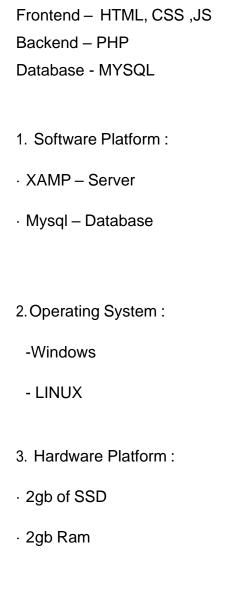


CONTACT & SUPPORT PAGE:



IMPLEMENTATION DETAILS

Software/Hardware Specification:



Output and Reports Testing

- Black BoX
- Output

From this project customer can save their time, money & Easy to book jwellery. Payment will be done when the products reaches to Customer.

Validation

Correct Username & Password is required for admin Login.

• Test Case

Sr. No	Test Field	Test Description	Test Data	Expected Result	Actual Result	Member
1.	Username, Password	Valid data for login: 1) Enter valid Username and Password 2) Click on login button	1)Admin Name= "lolagepranav" 2)Password= "****"	System should display successful login page and display admin panel page	Display login message and display admin page.	Success
2.	Username, Password	Invalid data for login: 1) Enter invalid Username and Password 2) Click on login button	1)Admin Name= "kshitij" 2)Password= "****"	System should display error message "username or password is incorrect"	Display error message "username or password is incorrect"	Success

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Conclusion

The Dnyaneshwari jwellers booking Website project has achieved its primary objectives by providing a robust and user-friendly platform for customers to book Gold & Siver products. The project successfully enhanced the user experience with intuitive features, improved performance, and strong security measures. Positive feedback from users underscores our commitment to quality.

By efficiently utilizing resources, adhering to regulatory standards, and ensuring scalability and compatibility, the project has positioned itself as a trusted platform for Gold Product enthusiasts.

We extend our appreciation to all stakeholders who contributed to this success and look forward to further growth and continued excellence in serving our users.

Recommendation

- Stay Informed:
- Stay updated with the latest Gold product releases, promotions, and deals by subscribing to newsletters or following the website's social media channels.
 - Read Product Descriptions:
- Thoroughly read product descriptions, specifications, and user reviews before making a purchase to ensure you are getting the product that best suits your needs.
 - Review and Rate Products:
- Contribute to the community by leaving reviews and ratings for products you have purchased. This helps other users make informed decisions.
 - Contact Support:
- If you encounter issues or have questions, do not hesitate to reach out to customer support for assistance. They are there to help you.

Future Scope

✓ The future enhancement of project is to make it an online.
✓ To make it highly secure.
✓ To Implement Client server architecture.
To introduce multi-user interface.
✓ To make this work on Platforms other than windows.
✓ To add cloud storage facility in this system.

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