

MINI PROJECT-II

(2022-2023)

Synopsis



Team Members

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GEMSTONE

(ONLINE JEWELLERY STORE)

Introduction-

GEMSTONE is a website which helps people to find and buy the 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.

Objective-

The main objective of the proposed system is to provide Online Jewellery Shopping solutions to consumers and vendors. It will automate some of the basic operations of an online store and customers can see the exact market value of gold,silver,diamond,etc.using API'S.

Customers can also check the current precise value of their jewellery and can demand a loan as per the price.

Scope would be to provide basic functionalities using a web application so that those manual processes can be automated.

Working Methodology-

- The aim of this application is to reduce the manual effort needed to manage
Sales and purchase of ornaments
- As we know there are many sites available to give such information Like Kalyan jewellers , Tanishq , etc.
- Here we are using different filters(carats, kinds of jewelleryes, occasion wise ,etc)
- This will reduce the traveling time of customers and they will see a wide variety of designs online which were sometimes not available in a particular store

Software Specification

Technology Implemented	:	Frontend & Backend
Language Used	:	HTML, CSS, JavaScript,Google Firebase.
Development Environment	:	Visual Studio code
Web Browser	:	Chrome / Firefox

Hardware Requirements

Processor	:	intel i3
Operating System	:	Windows 7/8/10
RAM	:	4+GB
Hard disk	:	64 GB
Hardware Devices	:	Computer System

Team contribution-

- In this project we are working as a team of 5 people Aditya, Ashish, Aman, Aashana,Deepanshi.
- There are 5 Modules in this we have divided 1 to each person by choice based.
- Category section and cart system will be handled by Aashana, login database will be handled by Deepanshi,and payment gateway will be managed by Aman, Searching will be managed by Aditya and API by Ashish.
- It will probably take 1 month to complete this project.

Limitations of the System Proposed-

- Internet connection is required while accessing the website.
- Easy searching algorithm is used to find customer required designs if data will increase and the system may slow down.

Online GIT repository<https://github.com/AdityaSaraswat0007/Gemstone>

Live Website Link-

<https://adityasaraswat0007.github.io/Gemstone/HTML/main.html>

Conclusion -

Through the Gemstone website we can provide a safe, secure way to purchase the jewellery and provide updated information on the prices of gold, silver, diamond etc. Customers can also check the current precise value of their jewellery and can demand a loan as per the price.

References:

- www.beta-labs.in
- <https://www.w3schools.com>
- <https://stackoverflow.com>
- Wikipedia