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# **Software Requirements Specification**

**for**

**<Cosmetics & Jewelry  
management System>**

**Version 1.0 approved**

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## Revision History

Name	Date	Reason For Changes	Version

## **Introduction**

### **Purpose**

The purpose is to facilitate people all over the world. One who want themselves to look better he/she can try cosmetics from our app. Another main purpose is to facilitate women that they could get jewelry at home with easiness (online delivery).

The main purpose of the system is to provide the customer with on-the-click functionality that helps them to search over a variety of jewelry products at a centralized location and buy the products that best suit their requirements in an easier and faster fashion. The software system is designed in such a way that anyone can view the updates of the products being offered on the website at any time that too easily. The system also aims at providing the customers with a quick and easy way to compare the jewelry products being offered.

### **Document Conventions**

This product is not made under any organizational supervision and is not related to any customer specifically. It is made with intension to sale generally based on someone's specifications matched to it and willing to buy it. So we are not assuming any conventions regarding product.

### **Intended Audience and Reading Suggestions**

If some software house liked it and want to design their own product regarding same scope and purpose with same scenario, then this document could be given to them. So for now this document is for personal use only.

### **Product Scope**

It is a user-friendly software solution package for the Diamonds, Gems and Jewelry establishments/shops to manage their business more efficiently. We, in close co-ordination with more than 100 jewelers, have developed this one of a kind software through intense research. This system aims at providing easily manageable and user friendly tools for managing the various operations necessary for the efficient working of a jewelry establishment. The system is extremely helpful to overcome the need for manual process of managing the operations. The efficiency of this system lies greatly in the fact that the software has different modules for individual management of the various operations, focusing on that particular function only and that certain modules can be used in co-relation with others to gather information. In addition, the software increases the revenue and improves the business as anyone who cannot purchase in person from the shop such as NRI's can shop online.

It is system of shop, which would be able to sale its items online as well as manually but this software will only cover online shopping of that specific shop. It will contain cosmetics for men as well as for women and they would be able to make shopping there. It will contain different categories for cosmetics as well as

for jewelry separating differently for men and women. Actually, it will provide platform to people to make shopping online there and make their own choice to choose what they want.

The system also helps in carrying out the transactions with the help of simple shopping cart and checkout system. This will also reduce the manual operation associated with the maintenance of the records consisting of the product order details, customer details.

S also facilitates user by providing an easy search mechanism to search his desired product based on product name, category and brand.

## References

*<List any other documents or Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document. Provide enough information so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.>*

## Overall Description

### Product Perspective

This product is not made under any organizational supervision and is not related to any customer specifically. It is made with intension to sale generally based on someone's specifications matched to it and willing to buy it. Its initial (1st) version of product.

### Product Functions

"Functional requirement describe what a system should do". Functional requirements of our system are explained below.

- Users must have valid User ID and password to login thus creating their Individual profiles.
- System can register new owners.
- User can select category.
- Can make shopping online or would be able to visit shop location.
- Proper Address of shop is must be provided.
- Will maintain data of large no. of people and provide privacy to each.
- System will have notification enabled so that user can get notification when any offer is available.

## User Classes and Characteristics

Product will have following user classes,

- i) Customers
- ii) Owners
- iii) Sales Operator (will manage system like make new offer, add new product etc)
- iv) Salesmen (daily use sales product bar code scanning etc)
- v) Social Operator (will read feedbacks and will come up problems and their solutions)

## Operating Environment

*The system will operate in Android smartphones and tablets. We are also aiming to facilitate IOS users with same functionalities.*

## Design and Implementation Constraints

As I already mentioned this is not specific purpose system (not based on some user requirements) so for time being it has not corporate rules regulations. Those who will buy will make their own rules regulations.

## User Documentation

This system will not contain any online help regarding system but it will have social operator which will read feedbacks and improve products and system.

## Assumptions and Dependencies

There are no such assumptions will could be stated where in dependencies we have data stored on some server (as it is real time database system like seller add new product will be shown to all the registered end users), so as server gets busy or non-responsive systems will also get affected.

## External Interface Requirements

### User Interfaces

User Interface of prototype version is shown below,

The screenshot shows a web application window titled "Jewellery Management System". The window has a menu bar with "Operation" and "Help". The main content area has a pink background and contains the following elements:

- Jewellery Management System** (Title)
- Supplier Registration** (Section Header)
- Register** (Section Header)
- Name :** followed by a text input field.
- Email Id :** followed by a text input field.
- Password :** followed by a text input field.
- Address :** followed by a text input field.
- Register Now** (Button)

The screenshot shows a web application window titled "Jewellery Management System". The window has a menu bar with "Operation" and "Help". The "Operation" menu is open, showing options: "View Suppliers", "Add Suppliers", "Delete Suppliers", and "Log Out". The main content area has a pink background and features the title "Jewellery Management System" in a large, stylized font, followed by "Supplier Registration" in a smaller, cursive font. Below this, there is a "Register" section with four input fields: "Name" (containing "supplier6"), "Email Id" (containing "supplier6@gmail.com"), "Password" (containing "\*\*\*\*\*"), and "Address" (containing "UNR"). A "Register Now" button is located below the input fields.

Jewellery Management System

Supplier Registration

Register

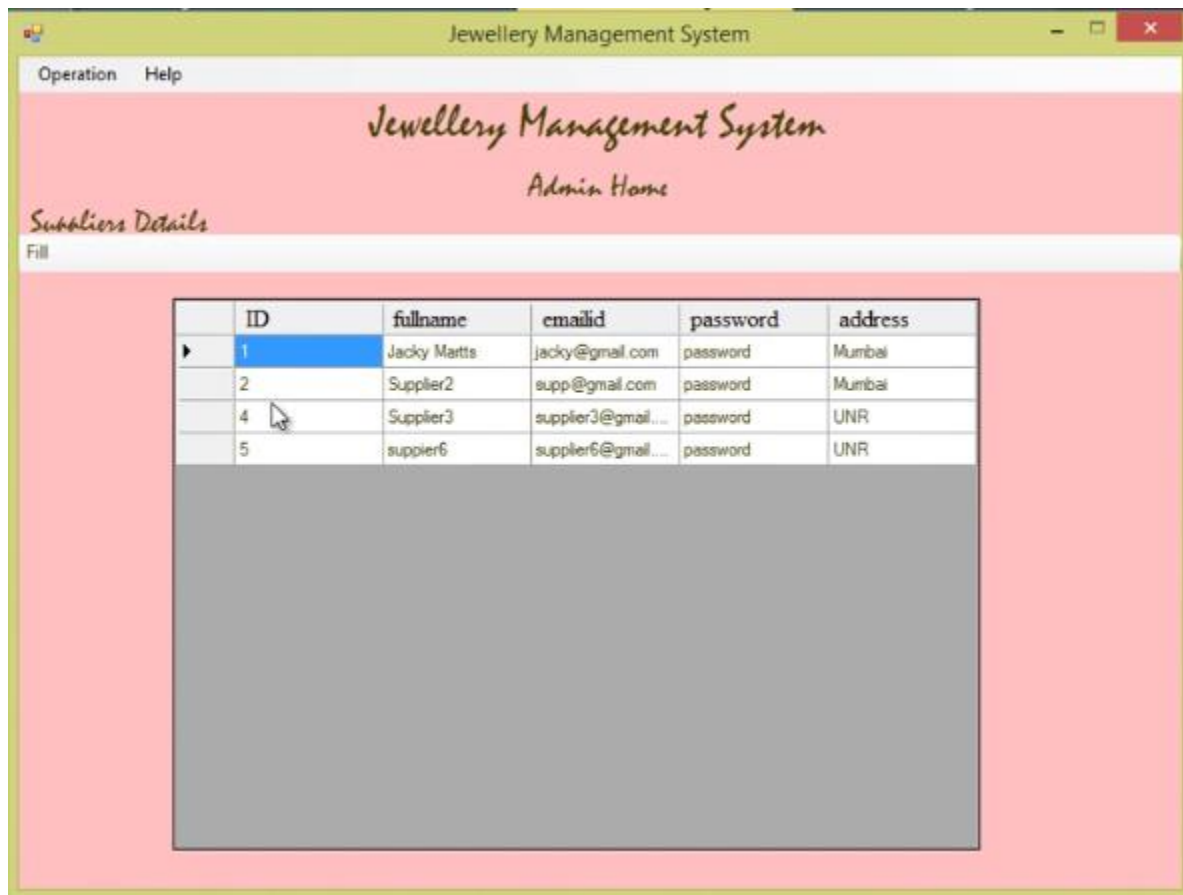
Name : supplier6

Email Id : supplier6@gmail.com

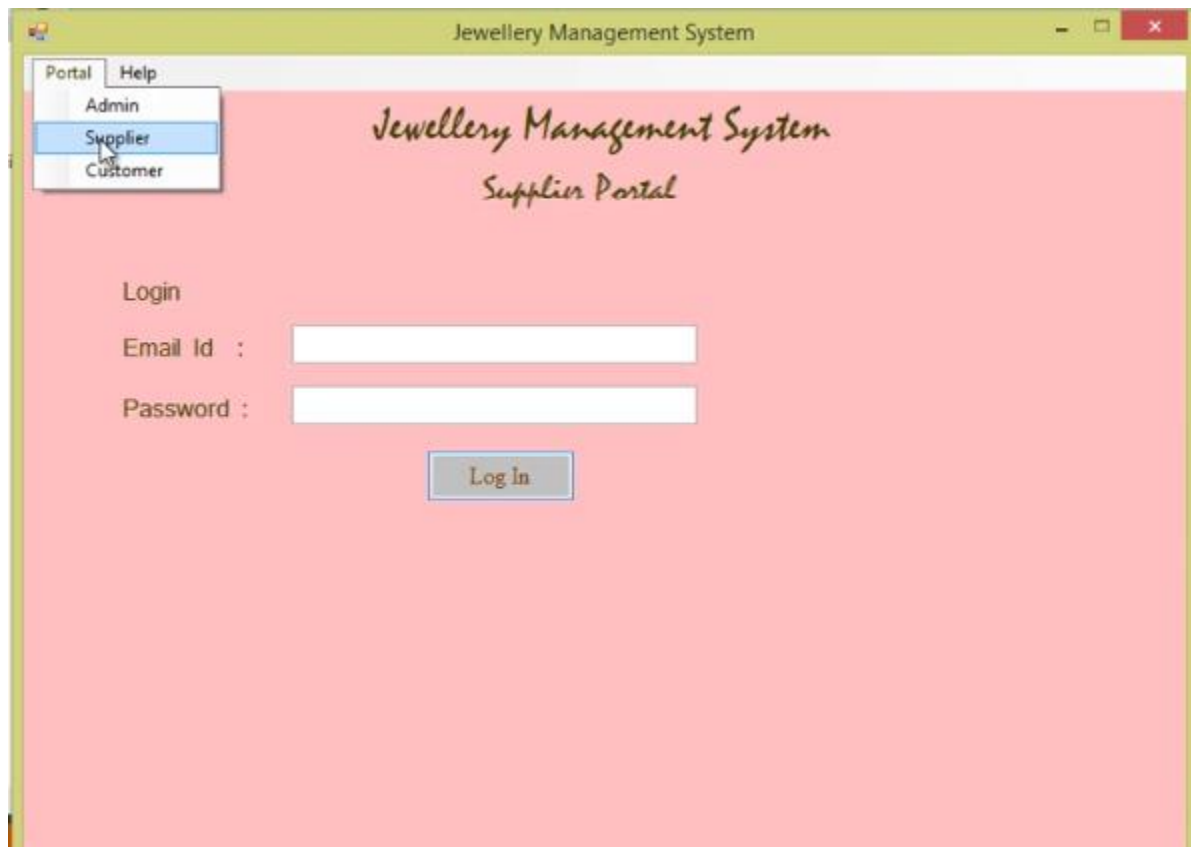
Password : \*\*\*\*\*

Address : UNR

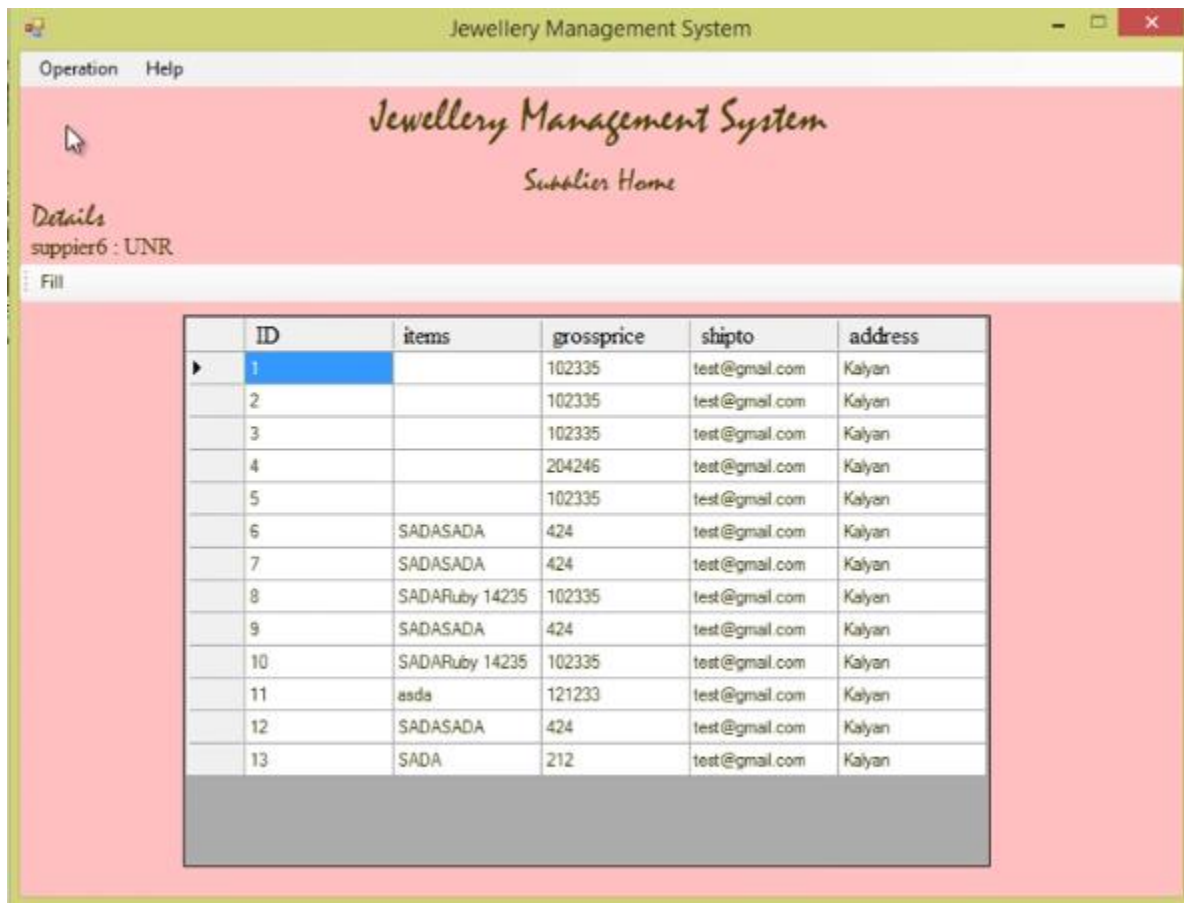
Register Now







The screenshot displays a web application window titled "Jewellery Management System". The interface has a light pink background. In the top-left corner, there is a navigation menu with the following items: "Portal", "Help", "Admin", "Supplier" (which is highlighted with a blue border), and "Customer". The main heading, centered at the top, reads "Jewellery Management System" in a large, elegant script font, with "Supplier Portal" written below it in a smaller, similar font. Below the heading, the word "Login" is displayed. Underneath, there are two input fields: "Email Id :" followed by a white text box, and "Password :" followed by another white text box. At the bottom center of the login section, there is a rectangular button with a blue border and the text "Log In" in a dark font.



ID	items	grossprice	shipto	address
1		102335	test@gmail.com	Kalyan
2		102335	test@gmail.com	Kalyan
3		102335	test@gmail.com	Kalyan
4		204246	test@gmail.com	Kalyan
5		102335	test@gmail.com	Kalyan
6	SADASADA	424	test@gmail.com	Kalyan
7	SADASADA	424	test@gmail.com	Kalyan
8	SADARuby 14235	102335	test@gmail.com	Kalyan
9	SADASADA	424	test@gmail.com	Kalyan
10	SADARuby 14235	102335	test@gmail.com	Kalyan
11	asda	121233	test@gmail.com	Kalyan
12	SADASADA	424	test@gmail.com	Kalyan
13	SADA	212	test@gmail.com	Kalyan



Jewellery Management System

Operation Help

## Jewellery Management System

Add a Product

Details

Type

Name

Weight

Purity

Price

Warranty

Barcode



Add





## Hardware Interfaces

As this system is designed purely for Android users, so it will not have any potential issue to run app on Android. Be sure to have Android version more than 4.4.2.

## Software Interfaces

This system has no interaction to other software as it is independent software but database you know that can never be ignored as it is important part of data managing/data processing software. So yes it has interaction to firebase database paid version.

## Communications Interfaces

This system has no communication interface over any networking system. It is straight forward system.

## System Features

### Creation of Artisan/Dealer Master

#### 4.1.1 Description and Priority

Every single information regarding the artisan/dealer can be stored here e.g. name & address of the artisan, making charge of an ornament etc.

#### 4.1.2 Stimulus/Response Sequences

Sales operator will be able to add new artisan whenever he/she want to add.

#### 4.1.3 Functional Requirements

REQ-1: System should have sales operator to add these artisans.

### Creation of Customer Master

#### 4.2.1 Description and Priority

Every single information regarding the customer can be stored here e.g. name & address of the customer etc.

#### 4.2.2 Stimulus/Response Sequences

System will be able to add new customer whenever he/she buy something.

#### 4.2.3 Functional Requirements

REQ-1: System should have sales operator to add these artisans.

REQ-2: When we have customer in database then we will be able to send him/her notification about new items or offers.

### 1.1 Creation of Stone Master

#### 4.3.1 Description and Priority

There are many types of stones in the business, which are categorized according to:

- 1) Diamond: It can be divide into many categories e.g. round, square, Marquise etc.
- 2) Color Stones: Ruby, Pearl, Emerald, etc.

#### 4.3.2 Stimulus/Response Sequences

User will be able to see new products added recently.

### 4.3.3 Functional Requirements

REQ-1: System should have sales operator to add these jewelries.

REQ-2: When we have jewelries in database then customers will be able to see and buy new products.

## Other Nonfunctional Requirements

### Performance Requirements

**Response Time:** Response time is important performance requirement like if user click on product to check and it take too much time to load or user had any problem with product and want to return your response time should be good to engage customer/user.

**Efficiency:** System should not use much resources of user like battery, internet or hang smartphone of user etc.

### Safety Requirements

**Return Policy:** In case of damaged product put module for user to interact and discuss about further proceedings.

**Reliability:** Make user to rely on system and be sure that he/she will get original product not 2<sup>nd</sup>, 3<sup>rd</sup> copy.

**Trustworthy:** System should be trust worthy for user to buy product. He should be sure that he will receive product in time and surely receive product.

### Security Requirements

**Security:** All transactions system perform should be secure enough that loss of user or yours not occur.

### Software Quality Attributes

**Correctness:** All information system contain should be correct and user not get hurt by knowing it was false.

**Robustness:** System should be able to fight with all small runtime errors and not stuck anywhere but respond.

**Usability:** System should be easier to understand for end user. As all intellectual and non-intellectual need something in daily life so it should be easier enough that all must understand it.



