**TYPES OF USERS:**

1. Jewel shops
2. Customer
3. Admin (Application )

**FUNCTIONALITIES / PROCESS:**

**Jewel shops process:**

* Signup/ Registration
  + Jewel shop need to register with details of shop, Email, phone number, licence and address with branches.
* Product /Category of jewel shop
  + Profile of the shop, what types of material (gold, silver, platinum, diamond etc.,)
  + Type of jewels (ring, chain, necklace, ear ring. Related to the material what the shop has selling
* Offers
  + Jewel shop specific offers while in festival times and opening time as per their need.
  + Saving plan and the benefits for the customer
  + Annual discount for regular customer
  + According to the Payment: the offers will given
* Quires/review
  + Replay to customer quires and reviews

**Customer process:**

* Signup/ Registration
  + Customer need to register with details of Email, phone number, and address.
* Searching
  + Searching jewel with different shops and different rating (by type of material, karat, model, etc.)
  + Gold Savings account details
* Payment
  + UPI payment / card payment

**Admin process:**

* Registration approvals
  + Verify the details and approving the jewels shop.
  + Verify the customer details and approve
* Subscription
  + Annual subscription for the customer with specific offers

**INPUT AND ACTIONS:**

**Jewel shops process:**

* **Sign up/ Registration:**
  + Name /username
  + Email id
  + Address for communication
  + Phone number
  + Licence of the shop
  + GST/TIN number
  + Number of branches
  + Type of shop(like gold, silver)
  + Social media link (facebook, instagram etc.)
  + Description about the shop

**Actions for Signup/ Registration**

* + - User name validation
    - Email id verifications
    - Phone number verification
    - Licence validation (upload documents)
    - GST / TIN validation
    - Display the social medial link
    - Submit
* **Product /Category of jewel shop (add/update/delete)**
  + Product id
  + Product type
  + Making charges
  + Category (gold, silver, platinum)
  + Product price
  + Product description
  + Add button
  + Update button
  + Delete button

**Action for product / category**

* add product id
* select the category and type of product using select box
* making charges of the product
* addition information about the product
* product price with offer and making charges
* add button/update button /delete button
* **Offers**
  + Festival offers
  + Shop offers

**Actions for offers**

* Posting festival offers push message to the customer
* Posting festival offer in the shop pages according to festival times
* **Quires / Review** 
  + Customer quires
  + Customer review for the purchased product

**Action for Quires / Review**

* Customer quires in separate page
* Customer review in separate page

**Customer process:**

* **Sign up/ Registration:**
  + Name /username
  + Email id
  + Address for communication
  + Phone number
  + Aadhaar Number / PAN number

**Actions for Signup/ Registration**

* + - User name validation
    - Email id verifications
    - Phone number verification with OTP
    - Aadhaar number
    - PAN number
    - Submit
* **Searching**
  + Search the product in product page
  + Search the saving account in account page

**Actions for searching**

* Search the product by gold, silver etc. and search by product(ring chain etc.),cost and rating from all the shops, if product is not there show no result
* Search the account details if not show no active account
* **Payment**
* Payment by UPI
* Pay by online banking

**Actions for payment:**

* UPI payment need to use
* Banking details need to provide

**Admin process:**

* Registration approvals
* Approve the shop by verifying the details and remove if need
* Verify the customer details approve and delete if need
* Provide subscription detail and provide offer for the subscribed customer

**Actions for Admin:**

* Shop in separate page filter approved and unapproved shop to approve
* Customer list in page with filters (normal customer and premium customer)
* Offer need to provide for subscribed customer

**Database design:**

**Jewel shops:**

* **Tabel\_Registration**
  + Name
  + Username
  + Email
  + Address\_shop
  + Phone\_no
  + Shop\_branches
  + Licence\_detail
  + GST\_NO
  + Tin\_no
  + Shop\_Types
  + Shop\_description
  + Social\_media Links
* **Tabel\_product**
  + product\_id
  + produt\_type
  + product\_making\_charges
  + product\_price
  + product\_description
  + product\_offers
* **Tabel\_account**
  + Acc\_id
  + Acc\_holder\_name
  + Acc\_type
  + Acc\_plan
* **Tabel\_Offers**
  + Festival list and its offers
  + Shop offers (regular)
* **Tabel Quires**
  + Q\_person\_Name
  + Q\_person\_ID
  + Q\_person\_email
  + Q\_pesron\_quires
* Tabel Review
  + R\_person\_name
  + R\_perosn\_ID
  + R\_person\_email
  + R\_person\_quires

**Customer:**

* **Tabel\_Registration\_customer**
  + Cust\_id
  + Cust\_user\_name
  + Cust\_name
  + Cust\_email
  + Cust\_phone\_no
  + Cust\_aadhaar\_no
* Customer\_payment
  + Pay\_id
  + UPI\_details
  + Card\_details

**Admin:**

* **Tabel\_subscription**
  + Sub\_id
  + Sub\_Validity
  + Offer\_description
  + Offer\_validity