**Functional requirements for leastquote.com**

**Req:1**

**Title:** APP first interface before subscription

**Detail:** App should show Company’s logo on top with name with a beautiful background in app body along with two buttons.

1. Buyer
2. Dealer

Inputs: None

Outputs:

1. Two different pages should appear based on clicked button

Buyer flow

**Req:2**

**Title:** Buyer’s subscription

**Detail:** After clicking on buyer button, buyer must provide required inputs and click subscribe button if buyer is logging in first time.

Inputs:

1. Username (Textbox)
2. Password (Textbox)
3. Subscribe button

Outputs:

1. unique subscriber id should be created and stored in database along with user id and password for buyer.
2. Successful subscription message should appear.
3. Buyer should be redirected to login page.

**Req:3**

**Title:** Buyer’s login

**Detail:** Buyer should be able to login if already subscribed based on username and password.

Inputs:

1. Username (Textbox)
2. Password (Textbox)
3. Login button

Outputs:

1. unique session id should be created and stored in database along with user id and password for buyer.
2. Buyer’s virtual cash should be updated as 0 against subscriber id in database.
3. “Redeem virtual cash” button should appear and should be disabled.
4. Session should be valid for 1 month
5. Buyer should get redirected to home page.

**Req:4**

**Title:** Buyer’s home page

**Detail:** Buyer should see following two buttons to generate request along with virtual cash amount.

Inputs:

1. Global Request (button)
2. In-Shop Request (button)
3. Virtual cash (label)

Outputs:

1. Two different pages should appear based on clicked button.

**Req:5**

**Title:** Buyer’s page to generate Global request.

**Detail:** Buyer must provide input using following components to generate a global request for quotes.

Inputs:

1. Category sections like Home appliance, Electronics, Automobile etc.
2. After clicking on category section, Product dropdown for selected category. Ex: Fridge, Microwave etc. as part of home appliance
3. Product brand dropdown for selected product (textbox with other option should be present)
4. Max price range textbox (in Rupees)
5. Description textbox (It should not accept any number greater than 9 digits in the text)
6. City dropdown in India
7. Area dropdown based on city
8. Button to send request

Outputs:

1. Pop up message “Thank you for generating request. You will get quote from dealers within maximum of 30 mins”.
2. A unique request id along with details should be generated and stored in database against subscriber id.

**Req:6**

**Title:** Buyer’s page to generate In-Shop request.

**Detail:** Buyer must provide input using following components to generate a In-Shop request for quotes.

Inputs:

1. Category dropdown with values like Home appliance, Electronics, Automobile etc.
2. Product dropdown for selected category. Ex: Fridge, Microwave etc. as part of home appliance
3. Product brand dropdown for selected product (textbox with other option should be present)
4. Max price range textbox (in Rupees)
5. City dropdown in India
6. Area dropdown based on city
7. Vendor dropdown in the area selected
8. Button to send request

Outputs:

1. Pop up message “Thank you for generating request. You will get quote from selected dealer within maximum of 30 mins”.
2. A unique request id along with details should be generated and stored in database against subscriber id.

**Req:7**

**Title:** Buyer’s page to show quotes.

**Detail:**

1. Buyer should be able to see received quotes in three different tabs. This page should dynamically get refreshed in every 1 min.

Tab1: Top 10 best quotes based on price. Least price quote should be coloured in Green. Highest price quote should be coloured in Red.

Tab2: Top 10 best quotes based on price who provides exchange offer. Least price quote should be coloured in Green. Highest price quote should be coloured in Red.

Tab3: Top 10 best quotes based on price who provides other offers. Least price quote should be coloured in Green. Highest price quote should be coloured in Red.

1. Every quote should appear with a quote id fetched from Database.
2. Every quote should have a “view detail” button beside it to show quote details.

**Req:8**

**Title:** Quote details.

**Detail:**

1. Clicking on “View detail” button present against each quote should fetch quote details from database against the quote id and dealer id.
2. A button called “Purchased against quote” should appear in quote detail section.

**Req:9**

**Title:** Purchase against Quote

**Detail:**

1. Clicking on “Purchased against quote” button should generate a 4-digit unique pin against dealer id and quote id and store in database.
2. Buyer should get the generated pin from dealer and put it in following textbox and click submit.

Inputs:

1. Textbox to enter pin
2. Submit pin button

Outputs:

1. Virtual cash of buyer should be updated against subscriber id with following amount and stored in database.

* amount = quote price \* 0.25% if quote price < 2 lacs
* amount = quote price \* 0.20% if 2 lacs <quote price < 10 lacs
* amount = quote price \* 0.10 % if 10 lacs <quote price

1. “Redeem virtual cash” button should be enabled if virtual cash is greater than 0.

**Req:10**

**Title:** Redeem virtual cash

**Detail:** Buyer should be able to redeem virtual cash by clicking on “Redeem virtual cash” button.

1. If virtual cash < 300, pop up message (Your virtual cash is less than 300. We suggest you wait till it gets 300 to get additional virtual cash.) should appear with following buttons.
   1. Cancel -> to cancel redeem
   2. Redeem now -> to redeem

Inputs for reem now:

1. Upi id (testbox)
2. Submit button

Outputs:

1. User should receive the money in account
2. Redeem success message should appear.
3. Virtual cash for user should be updated against subscriber id in database and should appear on buyer’s home page.

**Seller flow**

**Req:2**

**Title:** Seller’s subscription

**Detail:** After clicking on Seller button, Seller must provide required inputs and click subscribe button if Seller is logging in first time.

Inputs:

* Username (Textbox)
* Password (Textbox)
* Contact number
* Shop name
* Shop address (Country, city, area, full address)
* Gstin number
* Subscribe button

Outputs:

* Subscription request should be generated and wait for approval.
* Approval request should be generated in Admin’s page with a option to approve.
* unique seller id should be created and stored in database along with user id and password for seller after approval.
* Successful subscription message should appear.
* Seller should be redirected to login page.

**Req:3**

**Title:** Seller’s login

**Detail:** Seller should be able to login if already subscribed based on username and password.

Inputs:

1. Username (Textbox)
2. Password (Textbox)
3. Login button

Outputs:

1. unique session id should be created and stored in database along with user id and password for seller.
2. Seller’s virtual cash should be updated as 0 against subscriber id in database.
3. “Withdraw virtual cash” button should appear and should be disabled.
4. Session should be valid for 1 month
5. Seller should get redirected to home page.

**Req:4**

**Title:** Seller’s virtual cash recharge page

**Detail:** Seller should be redirected to Recharge virtual cash page if first time it’s logging in. The amount accepted should be minimum of 1000.

Inputs:

* Amount text box
* Upi-id text box
* Pay button.

Outputs:

* Seller should be redirected to its home page if payment is successful.
* Virtual cash should be updated with recharge amount + older amount.

**Req:5**

**Title:** Seller’s home page

**Detail:** Seller should see all requests generated withing last 30 mins for the same area in which his shop is present or if the request is generated with his shop-name as In-shop request. Each request should have a button beside it with a name “send quote”. Home page should keep getting refreshed after every 1 mins and requests older than 30 mins should be vanished if “send quote” button is active against it. Also, Seller’s updated virtual cash should appear on top with a “withdraw cash” option.

**Req:6**

**Title:** Seller’s option to send quote for specific request.

**Detail:** seller should be able to send quote against each request appearing in its home page after clicking on “send quote” button against the request.

Inputs:

* Quote amount textbox
* Exchange offer checkbox
* Other offer check box
* Description textbox
* Send button

Outputs:

* Quote should be sent to specific user if virtual cash available is more than equal to 1% of quote price and generate pin button against that request should appear.
* “Insufficient virtual cash” pop up should appear if virtual cash is less than 1% of the quote with following buttons.
  + Recharge virtual cash now
  + cancel
* Seller should be redirected to virtual cash recharge page if clicks on “recharge virtual cash now” button.
* Quote should not be sent to user if click on cancel button. “Send quote” button should remain enabled for specific request.

**Req:7**

**Title:** Generate pin

**Detail:** seller should be able to get a 4-digit unique random pin after clicking on “generate pin” button against the specific request.

Outputs: Pin should be visible for 10 mins and “Generate pin” button should be disabled”.

**Req:8**

**Title:** Reduction of virtual cash when user provides pin against it’s purchase

**Detail:** seller’s virtual cash should be deducted when user puts the pin against purchased product.

**Req:9**

**Title:** Withdraw virtual cash

**Detail:** Seller should be able to withdraw its virtual cash by clicking on “withdraw virtual cash” button.

Inputs:

* Withdraw virtual cash button
* Upi-id textbox
* Submit button

Outputs:

* Warning message should appear with a text “You can’t provide quote with sufficient virtual cash. Are you sure you want to withdraw?
* If yes, Money should be sent to sellers upi-id
* Virtual cash should be updated with minus amount.
* Success message should appear.

**Req:10**

**Title:** Update seller type to “premium” based on transactions

**Detail:**

Seller type should appear as “premium” after 10 transactions and increase it’s trust score by 1.