

USER INTERFACE DESIGN
20CYS202
PROJECT SAMPLE LAYOUT DESIGN
PHARMA SUPPLY CHAIN

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USER ANALYSIS

The Pharmaceutical Supply Chain include multiple government agencies, hospitals, clinics, drug manufacturers, drug distributors, pharmacy chains, retailers, research organizations, and the FDA.

The main goal of the pharma supply chain is medicine traceability. To trace their route, it is known that:-

1. Pharmaceuticals originate in manufacturing sites
2. They are transferred to wholesale distributors
3. Stocked at retail , mail-order and other pharmacies
4. Price negotiations, processed, test for quality
5. Dispensed by pharmacies
6. Taken by patients

As the end user, it must be known:-

1. The particular management site of the raw medicine
2. Route of transfer and to which particular wholesale distributor
3. Stocking location, and duration

4. Process of tests with qualification certificate, original versus final price
5. End location of pharmacy

Additionally, the end user also has the right to information:-

1. Ingredients of the medicine
2. Usual dosage for a general health, to compare to doctor diagnosis
3. Side effects
4. Expiry date
5. Exported, imported quality change
6. Caution for allergens
7. Report complaint

As a supplier or distributor, two options:-

❖ Request

- Quote stock from and to
- Amount
- Price negotiation
- Contract signature and certificate
- Tracker

❖ Distribute

- Send notifications or invites
- Quality process
- Price of stock

NOTE: - A common end user cannot order or quote stock without an authorized license.

REQUIREMENTS

HOMEPAGE

- ❖ Navigation bar
- ❖ News articles
- ❖ About
- ❖ Clickers for authorization and certification links
- ❖ Chat list for customer help
- ❖ Login

LOGIN

Login as end user, or as distributor, or Doctor

❖ For end user, patient details (in brief):-

- Name
- Age or DOB
- Diagnosis
- Allergies (if any)
- Consulting doctor
- E-mails for news and other things

❖ For distributor, details (in brief):-

- Corporate name and ID
- Contract information
- Location

❖ As a pharmacy or doctor, details (in brief):-

- Pharma name
- ID
- Location
- License
- Contract
- Previous quote date

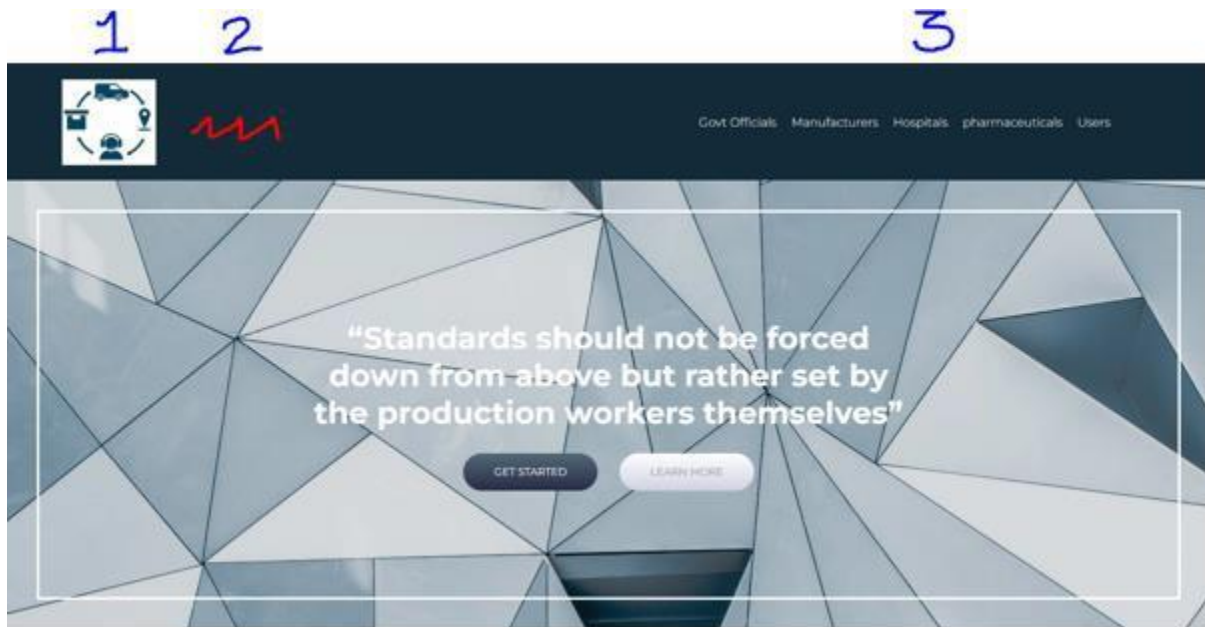
Each of these will have registration with username and password for login.

DIFFERENT WEBPAGES LINKED TO ONE ANOTHER

As the three different end users, three distinct and secured webpages need to be created.

- ❖ Manufacturer
 - Update, supply, link, etc.
- ❖ Retailer
 - Quotes, prices, invites, etc.
- ❖ Common user
 - Medicine traceability and end user information.
- ❖ An authorized update page

ROUGH DESIGN TEMPLATE



Refer: <http://18743734-880920.renderforestsites.com/>

On the top-left:-

1. Logo
2. Name of the supply chain.

On the top-right:-

3. The relevant user can click the relevant option to sign in or to sign up.