

Team Id – 37

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Team Members

20191700729

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# User Requirements:

* The system should be localized support more the one language at least English and Arabic
* The system should allow the user to log in and register to the system and enter with gist email if he is not registered
* The system should be easy for the user and the user take no time to understand how the system works
* The user should be able to search for the medicine and by more than one way
  + Category
  + Name
* The user should be able to by more than one item at a time (cart)
* The user should be able to add his address and other addresses if he wants to
* The System should allow the user to add to his cart the medicine picture or the Doctor formal
* The system should allow the user to Pay by ether 2 ways
  + Cash on delivery
  + Visa (or any way of electronic payments)
* After the user purchase his items, the system should connect to the nearest pharmacy for the availability of the medicines and place the shipment

# Functional Requirements:

## Choosing language:

* + Description: The system shall allow users to choose their language.
  + Source: User
  + Input: user checks the chosen language
  + Post-Condition: The user clicks on the change language button
  + Post-Condition: the application language is updated with the new language
  + Output: Change the application language to the selected language

## Searching for medicine:

* + Description: The system shall allow the user to search for medicine in more than one way
  + Source: User
  + Input: medicine Name or Category
  + Pre-Condition: The user clicks on the search for medicine Or chose the category
  + Output: Display the medicines related to the user’s Input

## Displaying medicine details:

* + Description: The system shall allow the user to see the medicine name, price, and alternatives
  + Source: System
  + Input: user search or choose a category of medicine
  + Post-Condition: When the user exits the information window
  + Output: Display detail of the selected medicine or category

## User’s cart:

* + Description: The system shall give each user a cart
  + Source: System
  + Pre-Condition: the user is logged in or Registered
  + Post-Condition: when the user finishes selecting all the medicines, he/she wanted
  + Output: Giving the user a cart

## Adding in the cart

* + Description: The system shall allow the user to add to his cart
  + Input:
    - Medicine from the search list
    - Medicine from the category list (or product)
    - Photo for a medicine from the gallery
    - Photo of medicine from the camera
    - Photo for a Doctor's formula
  + Pre-Condition: the user is logged in or Registered & User address is defined
  + Source: User
  + Output: Adding the medicine to the cart

## More than one address:

* + Description: The system shall allow the user to add more than one address and make him choose each time what is the address he wants to receive the medicine in
  + Source: User
  + Pre-Condition: User is logged in or Registered
  + Post-Condition: When the user finishes typing all addresses that needed to be typed
  + Output: Display a window saying that the addresses are entered successfully

## Connecting to nearest pharmacy:

* + Description: After the user proceed the system should connect with the nearest pharmacy to check the availability
  + Source: System
  + Pre-Condition: The medicine is added to the cart & user decided to purchase the items in the cart
  + Post-Condition: when the system finds the nearest available pharmacy successfully
  + Output: Notify the user that the medicine is available to order

Give the user delivery date for that medicine

## Way of Payment:

* + Description: The system shall give the user the choice of whether pay in the cart of cash on delivery
  + Source: User
  + Pre-Condition: The user decided to purchase the items in the cart
  + Post-Condition: If the user has chosen the way of payment successfully
  + Output: Display the receipt

## Admin Management:

* + Description: The system shall have an admin Account to modify the content of the data that other user can see.
  + Source: System
  + Pre-Condition: The user log in with the admin account
  + Post-Condition: The change the admin made saved in the database
  + Output: Display Success massage

# Non-Functional Requirements:

* The system must support at least two languages.
* The system must respond to the user’s search in less than 1 second.
* The system must have at least 100 TB of storage to store each medicine's name, price, and alternatives.
* The system can’t give more than one cart to the same user at once.
* The system shouldn’t allow users to add medicine out of stock.
* The system must have at least one address from the user to deliver products.
* The system must check the availability in less than 2 seconds with the nearest pharmacy.
* When the medicine becomes available, the system should notify the user in less than 1 second.
* The system must have multiple methods of payment.
* The system should add the shipment to the shipping queue in less than 2 seconds to deliver it to the user in less than 3 days.