Home page contains :

a) General :

1- add customer
2- add dependent

b) for an admin :

1- add hospital
2- view customers
3- view claims

c) for a customer :

1- purchase a plan
2- view hospitals under purchased plan
3- file an insurance claim

a) 1- add customer :

we need a <u>form</u> to <u>get</u> data from user

the data we need is :

1- SSN
2-name
3- date of birth
4- Gender
5- mobile number
6- state
7- city
8- street

2- add dependent :

a)ask for customer SSN
check if customer SSN in data base
b)then:
we need a <u>form</u> to <u>get</u> data from user

the data we need is :

1- SSN
2-name
3- date of birth
4-Gender

b)1- addd hospital :
we need a <u>form</u> to <u>get</u> data from user

the data we need is :

1- name
2- state
3- city
4- street
5-plan_type
6-rating from 1 to 5
7- specialization

2- view customers :
we need a table showing all customers details

3- view claims :
this will take some steps :
a) form for :
1- asking the user for the customer SSN
2- asking to view either unresolved or all claims

b) returning all claims that have (customer_SSN = Enterd SSN and resolved? = user choice) the page will view for each claim (ID , beneficiary , date)

c) each vlaim have a button next to it to view all details in a new page

d) in claim details page if claim is <u>unresolved</u> there is must be a <u>button</u> to make it resolved

c)1- purchase a plan :
1-form to ask for customer SSN
check if this SSN is in the data base
if yes :
2- chwck <u>all purchased plan</u> by this user and check all <u>beneficiaries SSN</u> of all his burchased plan
return (customer SSN and dependent SSN) <u>not in the benficiaries</u> of the purchased plans
if all dependents and customer are beneficiaries of a plans user can't purchase a plan
if not :
3- customer can purchase a plan and we need form for :
1- start date
2- number of beneficiary (max is remaining dependents or customer without a paln)
3- type of beneficiary (customer(this don't appear if number > 1 or if he already have a plan) – dependent – both)
4- list of all beneficiaries names that can be choosen (max number of selected beneficiaries is number of beneficiaries entered by the user)
5- plan types and properties of each plan

2-view hospitals under purchased plan :
1– ask for user SSN(check if in database)
2- return all his purchased plans (id and beneficiaries names) and user can choose from them
3- based on choosed plan we get its type and return the hospitals and its details under this type

3- file an insurance claim :
1 – ask for customer SSN
2- return all his purchased plans (id and beneficiaries names) and user can choose from them
3-ask for :
1-claim benficiary
2- date
3- details
4- expenses
5-receipt number
6- based in choosen plan we know the type and we return a list of hospitals to choose from them

notes:
add 1-rating 2-specialization to hospital
add receipt_no to calim