



Group No: 28

Project Name: E-commerce price comparisons

Complete Black Box Testing

1. Sign-up Page
2. Login Page
3. Search For Product
4. Filter Product by store name
5. Compare Product Price with Two Different Store Name

1. Sign-up Page:

- Equivalence Class Partitioning:

Equivalence Class	Name	Email	Password	Expected Output
E1	Valid	Valid	Valid	Redirect to Login Page
E2	Valid	Valid	Invalid	Invalid
E3	Valid	Invalid	Valid	Invalid
E4	Valid	Invalid	Invalid	Invalid
E5	Invalid	Valid	Valid	Invalid
E6	Invalid	Valid	Invalid	Invalid
E7	Invalid	Invalid	Valid	Invalid
E8	Invalid	Invalid	Invalid	Invalid

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Name	Please Select the Name Field
Email	Please Include '@' at your email address
Password	<ul style="list-style-type: none">• Please Select the Password Field. If Password is Less than 8 Character then show error that Please enter at least 8-character password.• Passwords must contain at least 8 or at most 15 characters.

- Test Case:

Test Case	Name	Email	Password	Expected Output
1	TestUser	testuser1@gmail.com	User12345	Redirect to Welcome Page
2	sarvagna	sarvagn@gmail.com	sarvagna123	Redirect to Welcome Page
3	testing	testing@gmail.com	test@12345	Redirect to Welcome Page
4	neha	neha@gmail.com	neha@12345	Redirect to Welcome Page
5	testuser	testusr@yahoo.com	2345	Invalid Password
6	param	param@gmail.com	par@12	Invalid Password
7	virat	virat@gmail.com	123@	Invalid Password
8	Testuser	testusryaho.com	user@789	Invalid Email
9	123	testusr@yaho.com	1234@test	Invalid Name
10	1334	abc@gmail.com	123@4567	Invalid Name
11	66988	usergmail.com	12367@pra	Name will not Print
12	234te	testusr@yaho.com	par	Invalid
13	sahil23	sahilyahoo.com	sahil@1234	Invalid
14	222	tirthmail.com	12345	Invalid
15	TestUser	testusryaho.com	opq	All Field Invalid
16	abc	abcyaho.com	123@abcde	Invalid
17	testuser	testuser@gmail.com	test_user_daiict	Invalid

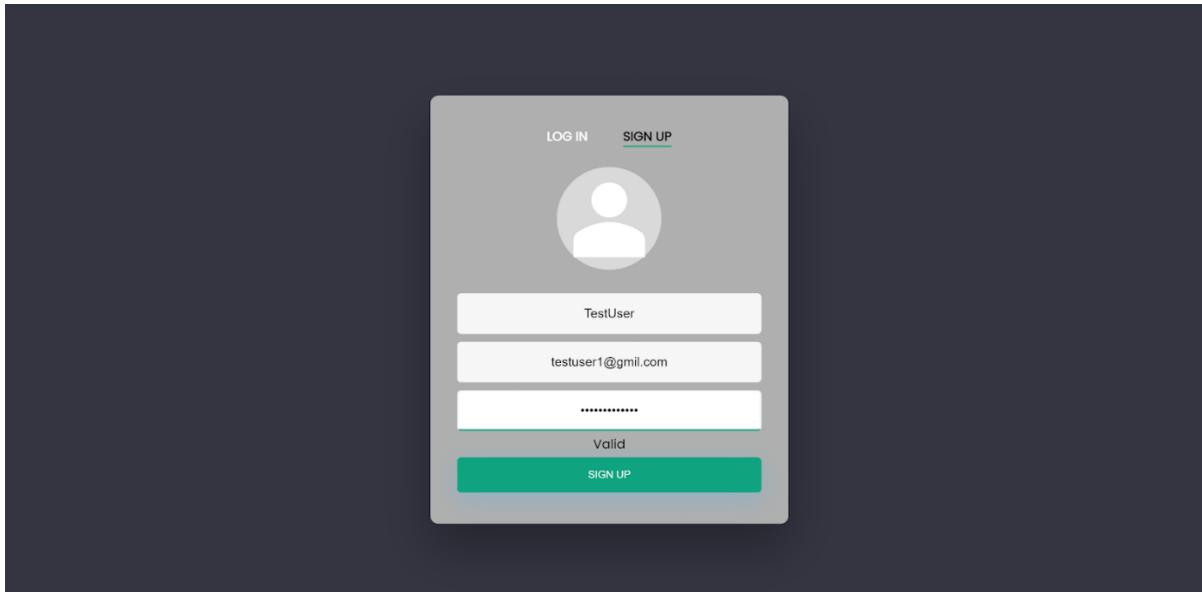
18	testuser	testuser@gmai.com	testuser_daiict	Redirect to Welcome Page
19	Neha	neha@gmail.com	neha@12	Password Length < 8
20	Neha	neha@gmail.com	neha@1	Password Length < 8
21	neha	Neha@gmail.com	neha@	Password Length < 8
22	jay	jay@yahoo.com	jay@	Password Length < 8
23	Jay	Jay@yahoo.com	jay	Password Length < 8
24	jay	jay@yaho.com	ja	Password Length < 8
25	JAay	Jay@gmail.com	j	Password Length < 8
26	amit	amit@yahoo.com	amit1233456778 8999907	Password Length > 15
27	Amit	Am@gmail.com	Amlt@#0987654 321123455	Password Length > 15
28	Somani	Som@yahoo.com	12345678901234 56	Password Length > 15
29	Sunita	Suni@gmail.com	Sunita@#123445 677	Password Length > 15
30	sunita	suni@yahoo.com	ssuunniittaa1122 3344	Password Length > 15
31	SUNITA	SUni@gmail.com	sunitasunitasunit a	Password Length > 15
32	Ajay	ajayaho.com	aj@23456	Email Doesn't Contain @
33	ajay	ajaygmail.com	aj123456	Email Doesn't Contain @
34	AJAY	Aajax.com	123456789	Email doesn't have @
35	aja	ajaygamil	ajatx1234	Email Doesn't have @
36	amit	amitgmail.com	amit@123	Email Doesn't have @
37	Amit	Am	amit@123	Email Doesn't have @

38	AMIT	amit	amit@123	Email Doesn't have @
39	Aman	aaaaaaaa123	amit@123	Email Doesn't have @
40	aman	aman.com	amit@123	Email Doesn't have @
41	12	som@gmail.com	som@11111	Invalid Name
42	1234	somanicom	somanicom123	Invalid Name
43	6	aman@gmail.com	amna12345	Invalid Name
44	12@3	aman@gmail.com	Aman@123	Invalid Name
45	456	aman@.com	aman123455	Invalid Name
46	Striver	Strivergmail.com	1234	Invalid
47	10989	aman.com	aaamma	Invalid
48	singh	sagmail.com	asa fw	Invalid
49	10909	sa@gmail.com	oursu	Invalid
50	Aman	aman	1122	Invalid

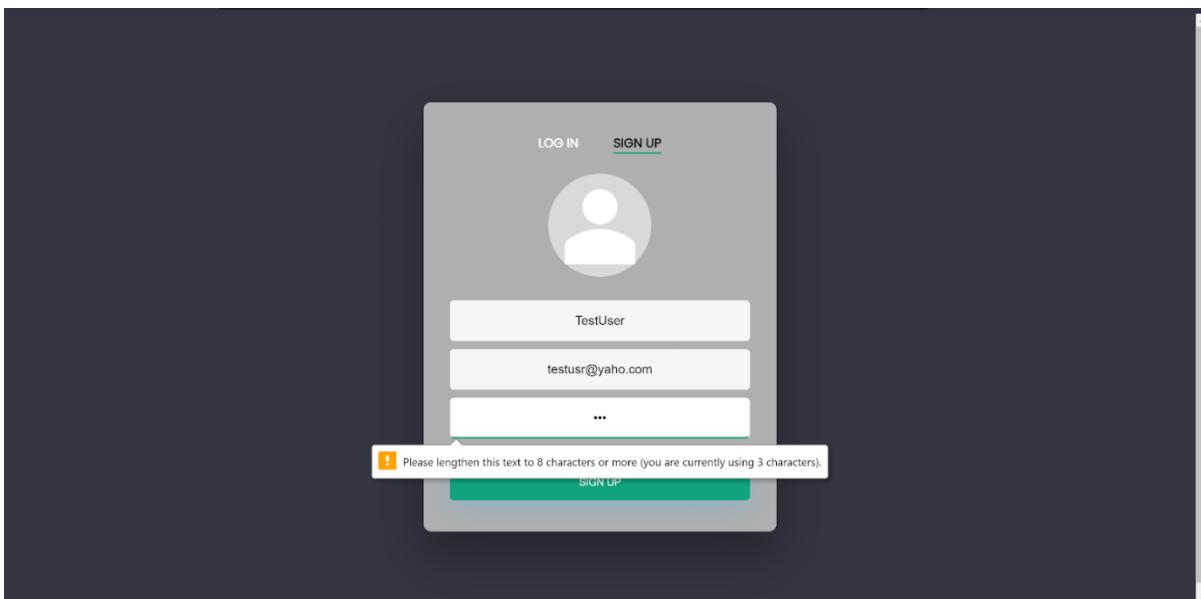
- Decision Table-Based Testing:

C1: Empty Name	True	False				
C2: Empty Email	-	True	False			
C3: Empty Password		-	True	False		
C4: Valid Name? (Contain only Letter)		-	-	False	True	
C5: Valid Email? (Contain @ or not)	-	-	False	True		
C6: Password Length is $8 \leq L \leq 15$	-	-	False	True		
A1: Successfully Sign-up						
A2: Enter Valid Details						

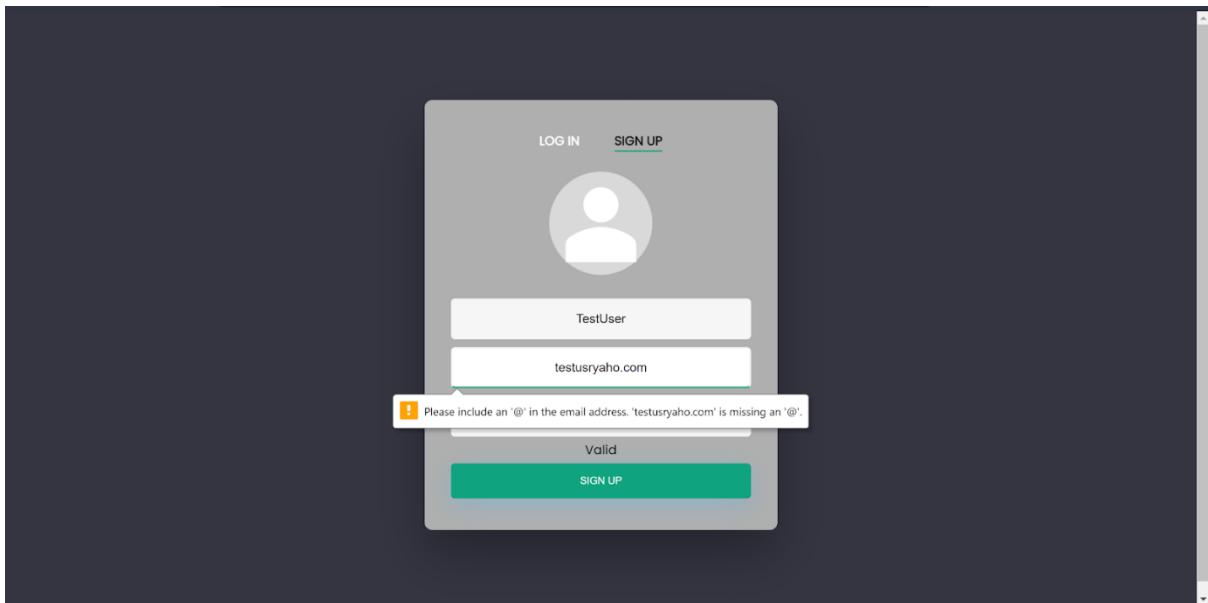
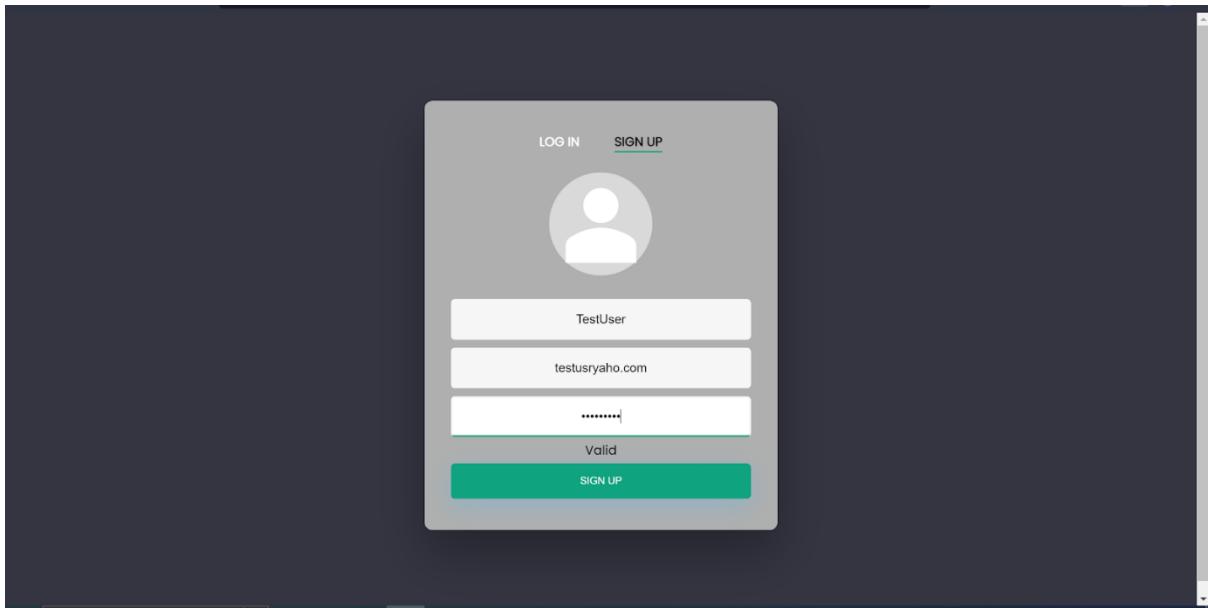
- All Field are Valid:



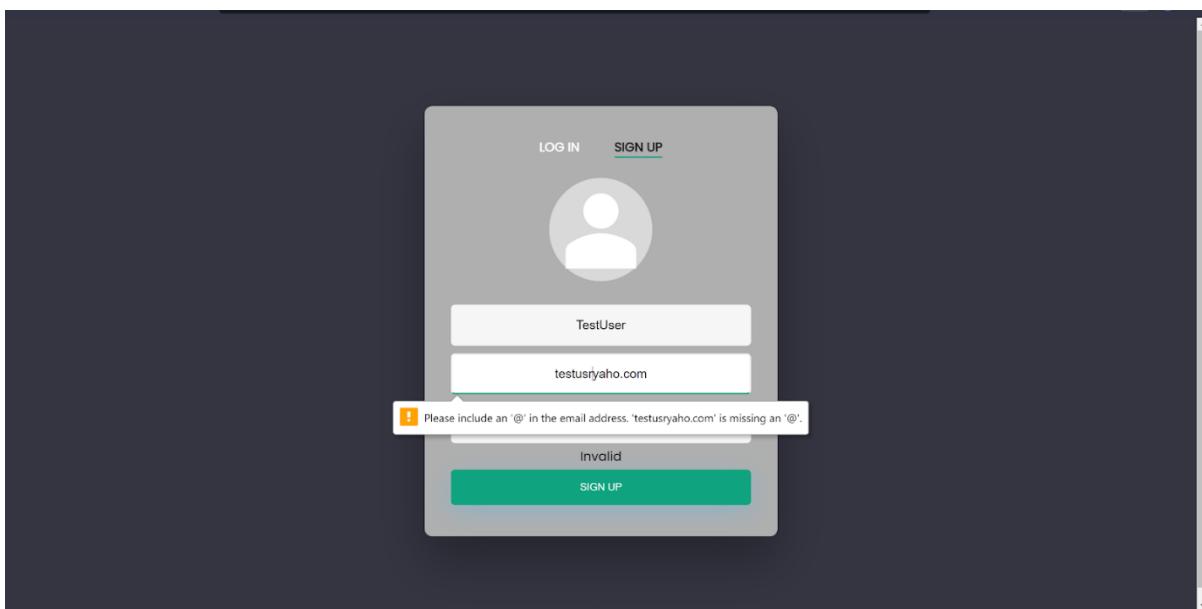
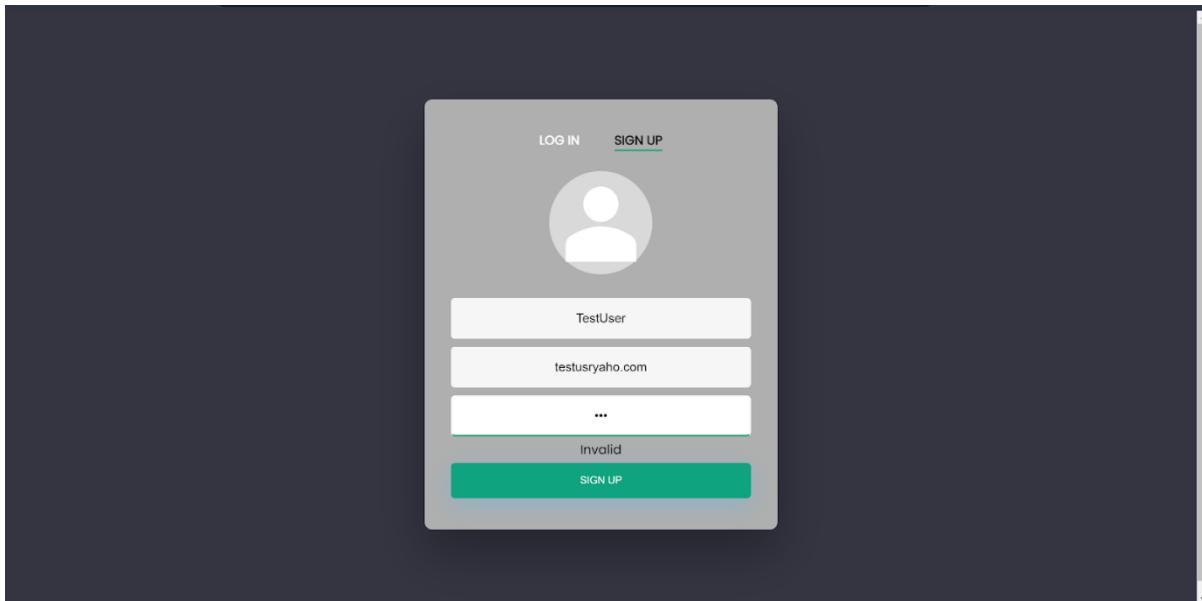
- Password Field is Invalid (It has < 8 Character):



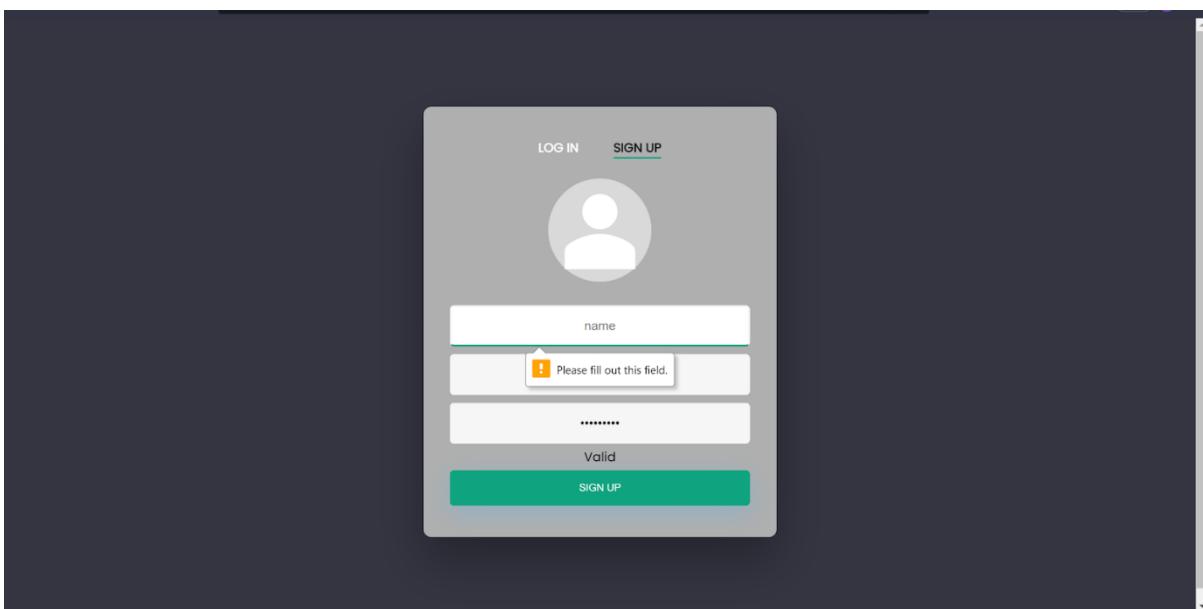
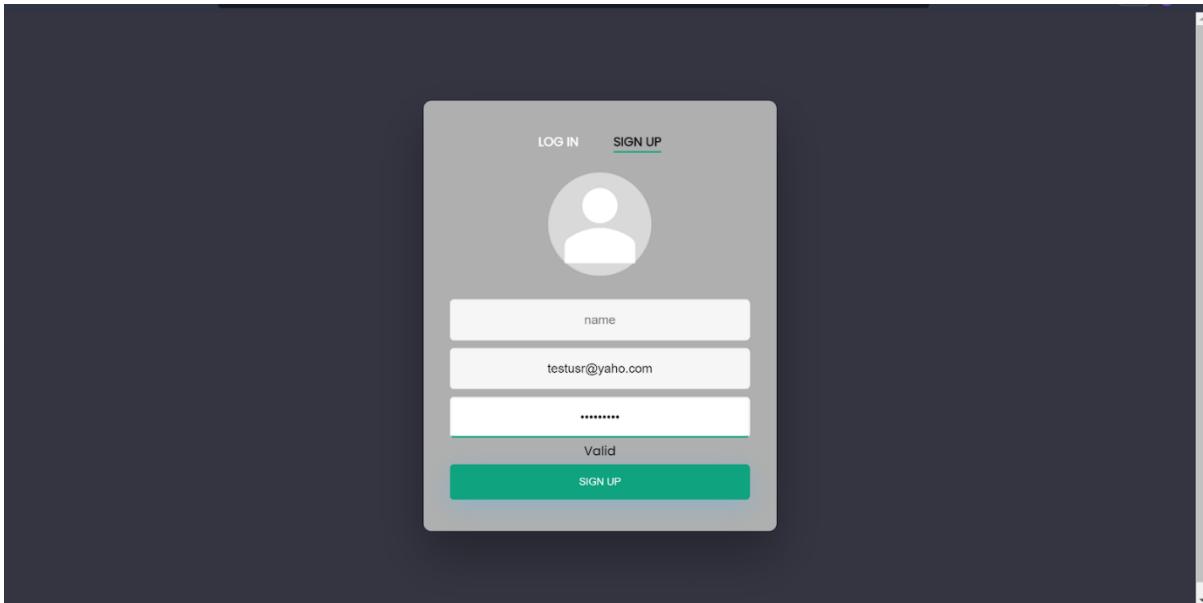
- Email Field is Invalid (does not contain @):



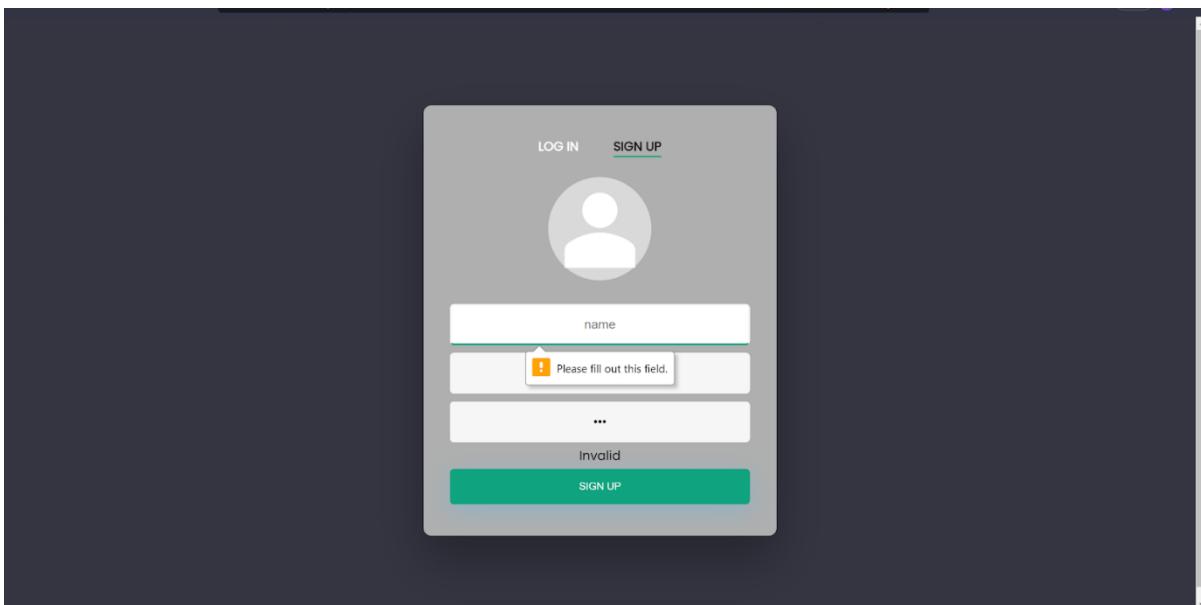
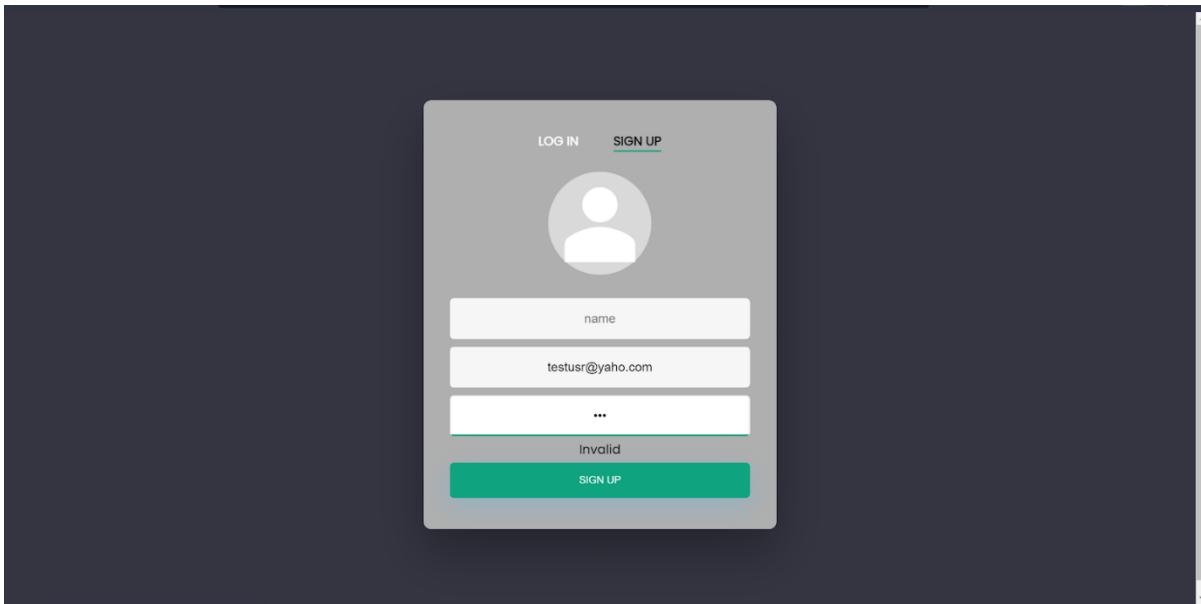
- Password and Email is Invalid:



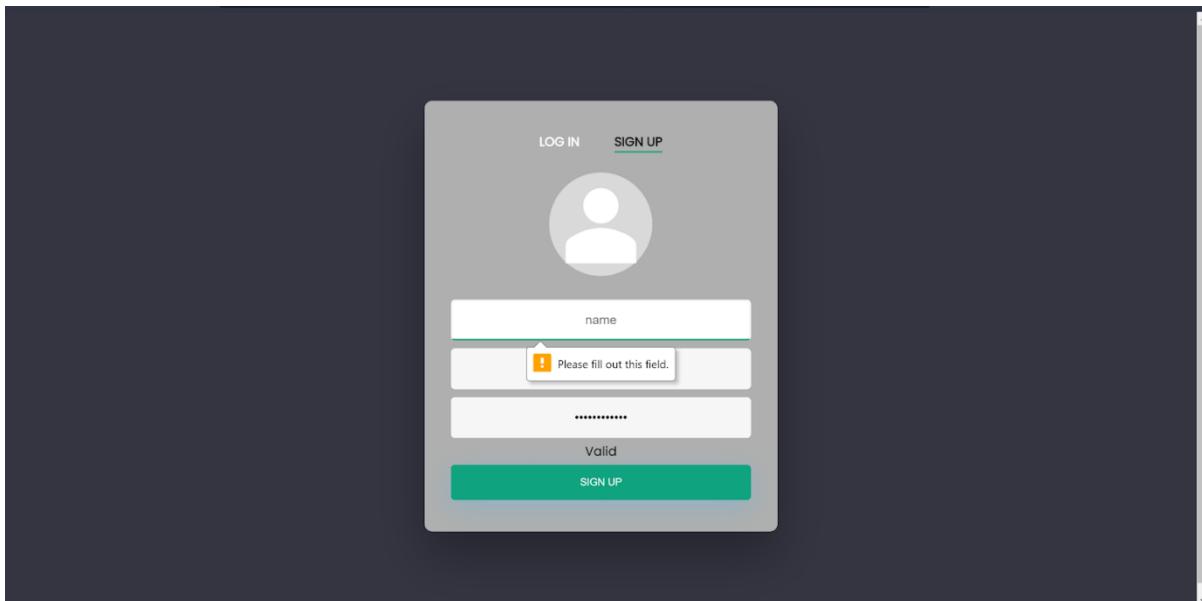
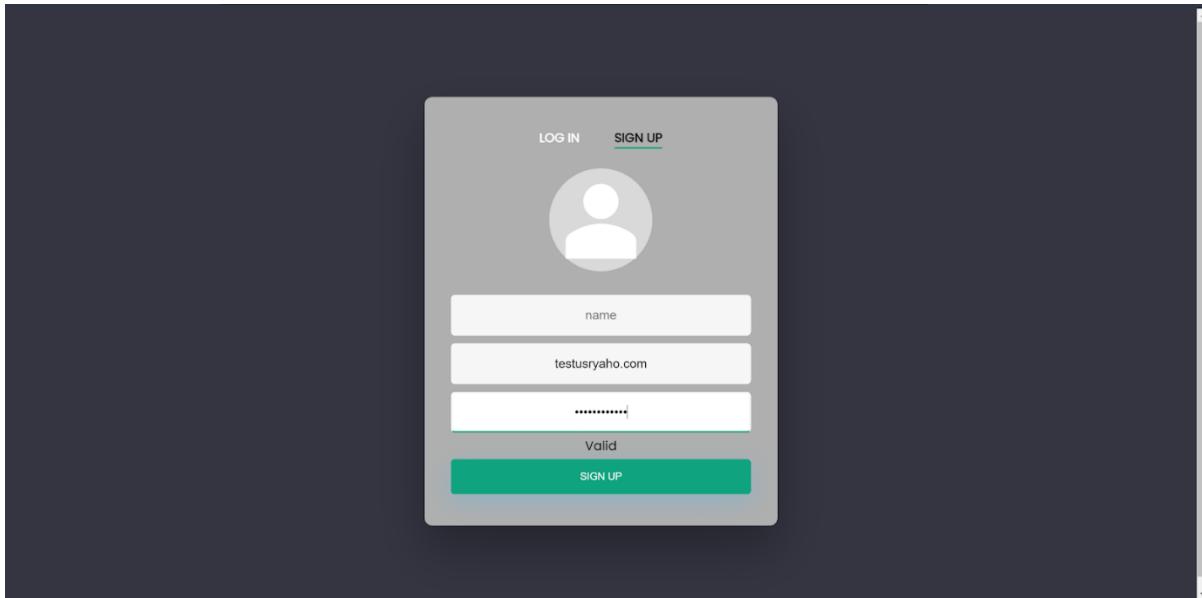
- Name is Empty:



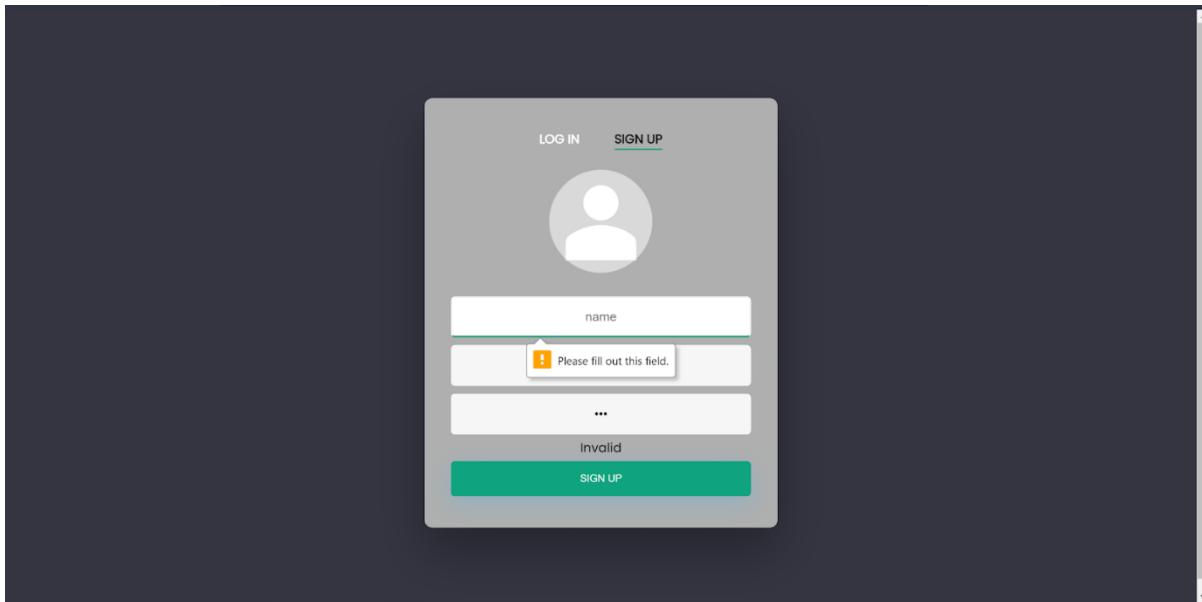
- Name and Password is Invalid:



- Name and Email is Invalid:



- All Field are Invalid:



2. Login Page:

- Equivalence Class Partitioning:

Equivalence Class	Email	Password	Expected Output
E1	Valid	Valid	Redirect to Main Page
E2	Valid	Invalid	Invalid
E3	Invalid	Valid	Invalid
E4	Invalid	Invalid	Invalid

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Email	Please Include '@' at your email address
Password	Please Select the Name Field

- Test Case:

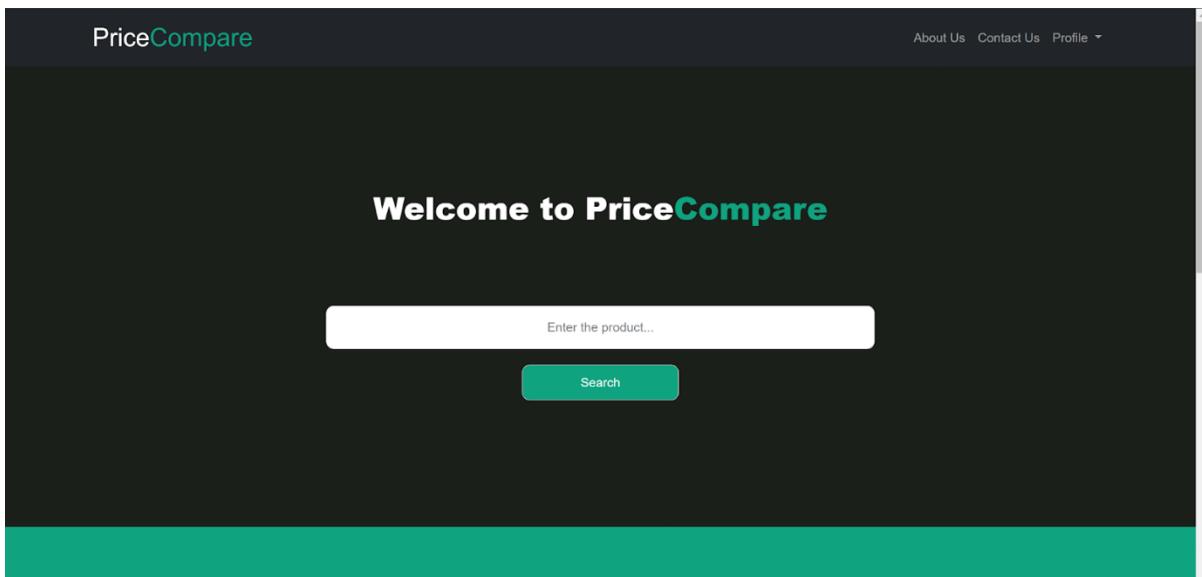
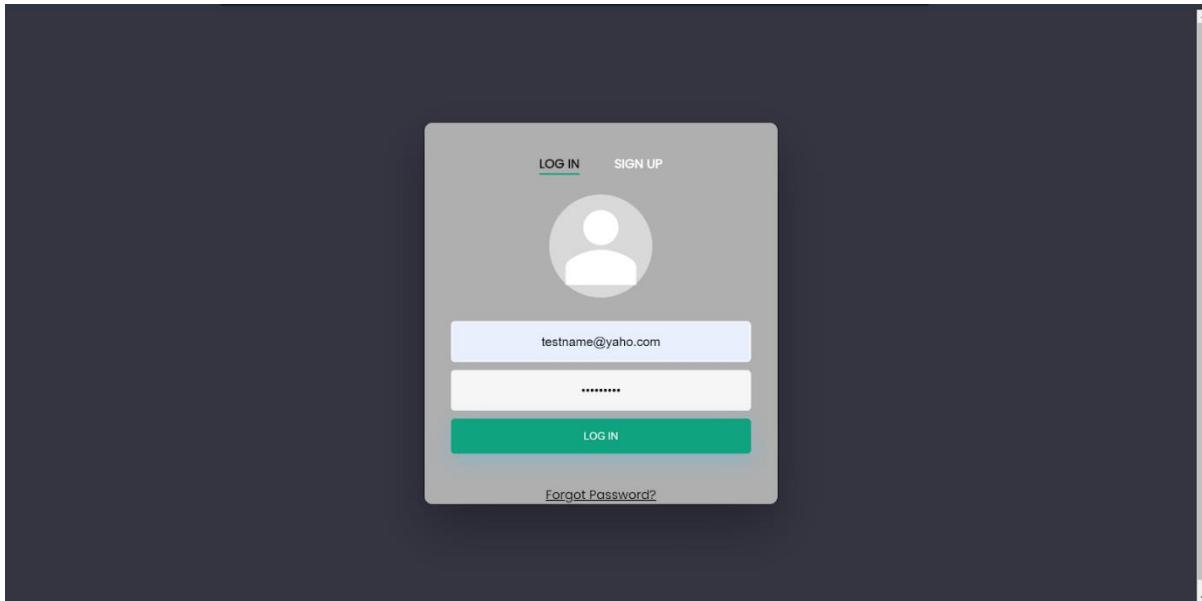
Test Case	Email	Password	Expected Output
1	testname@yahoo.com	test@12345	Redirect to HomePage
2	virat@yahoo.com	virat@12345	Redirect to Homepage
3	sarvagn@yahoo.com	sarvagna123	Redirect to HomePage
4	testname@gmail.com	test@1234	Invalid Email
5	abc	abcde1234	Invalid Email
6	122345	xyz#gmail.com	Invalid Email
7	usergmail.com	user@1234	Invalid Email

8	user.com	user@1234	Invalid Email
9	sidharthyahoo.com	sid122344	Invalid Email
10	sidharth.com	comsidhra	Invalid Email
11	sidharth	sid1098234	Invalid Email
12	.com	12345678ab	Invalid Email
13	sidharth@gmail.com	sidarth	Password Length < 8
14	sidharth@yahoo.com	sidhar	Password Length < 8
15	abc@gmail.com	abcd	Password Length < 8
16	xyz@yahoo.com	sid	Password Length < 8
17	sid@gmail.com	si	Password Length < 8
18	william@gmail.com	william1234567890	Password Length > 15
19	william@yahoo.com	william12345678900	Password Length > 15
20	willy@gmail.com	willy@@##12789000	Password Length > 15
21	willy@patel.com	123456789011waer	Password Length > 15
22	param@gmail.com	param@123@456@789@0	Password Length > 15
23	sidgmail.com	sid	Invalid
24	sid@yahoo	12345678	Invalid
25	williamgmail.com	william	Invalid
26	Willy@yahoo	abcxyz	Invalid
27	paramgm.com	123098	Invalid
28	sunita	su@123	Invalid
29	amarincognito.com	asdfg	Invalid
30	gmail.com	gm@12	Invalid

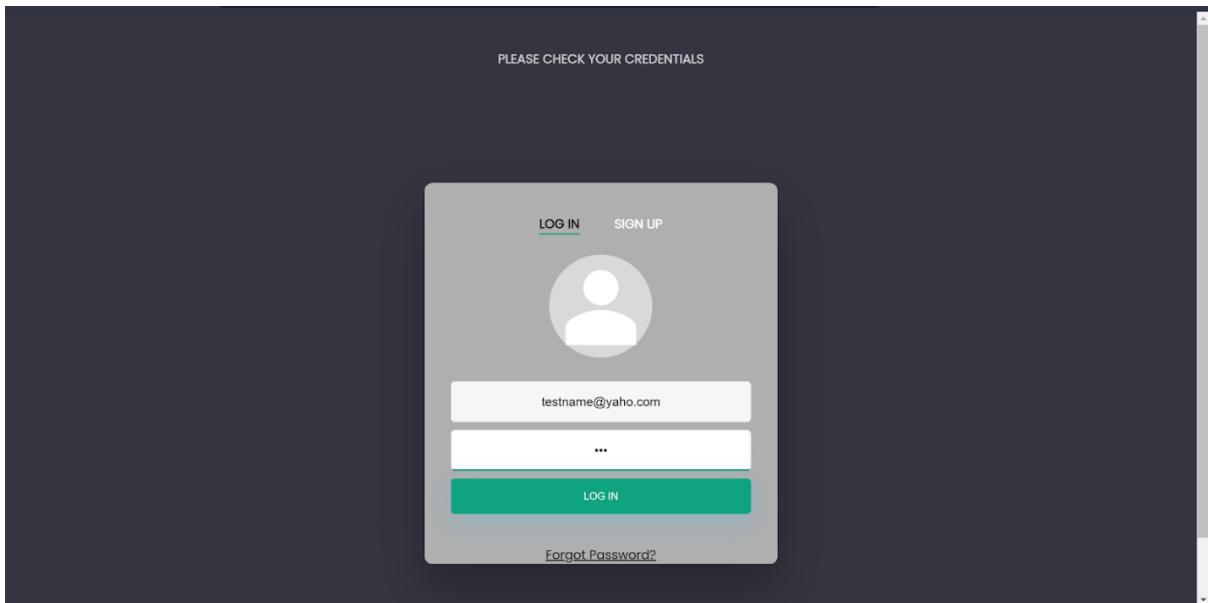
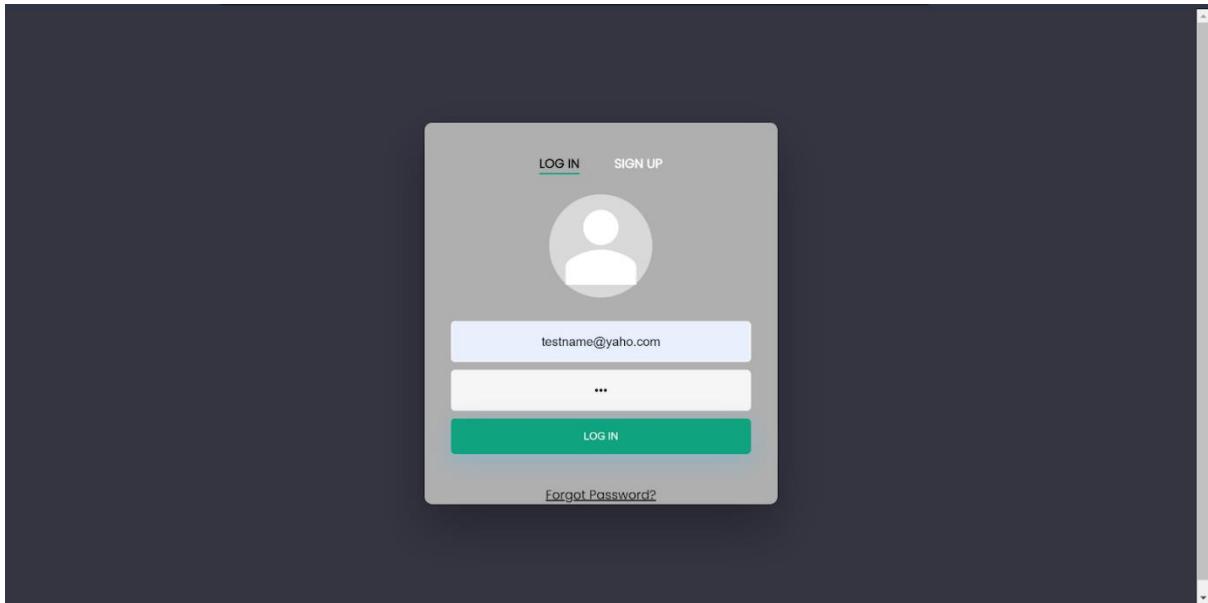
- Decision Table-Based Testing:

C1: Empty Email	True	False		
C2: Empty Password	-	True	False	
C3: Valid Email? (Contain @ or not)		-	True	False
C4: Password Length is $8 \leq L \leq 15$		-	False	True
A1: Successfully Login				✓
A2: Enter Valid Credentials	!	!	!	!

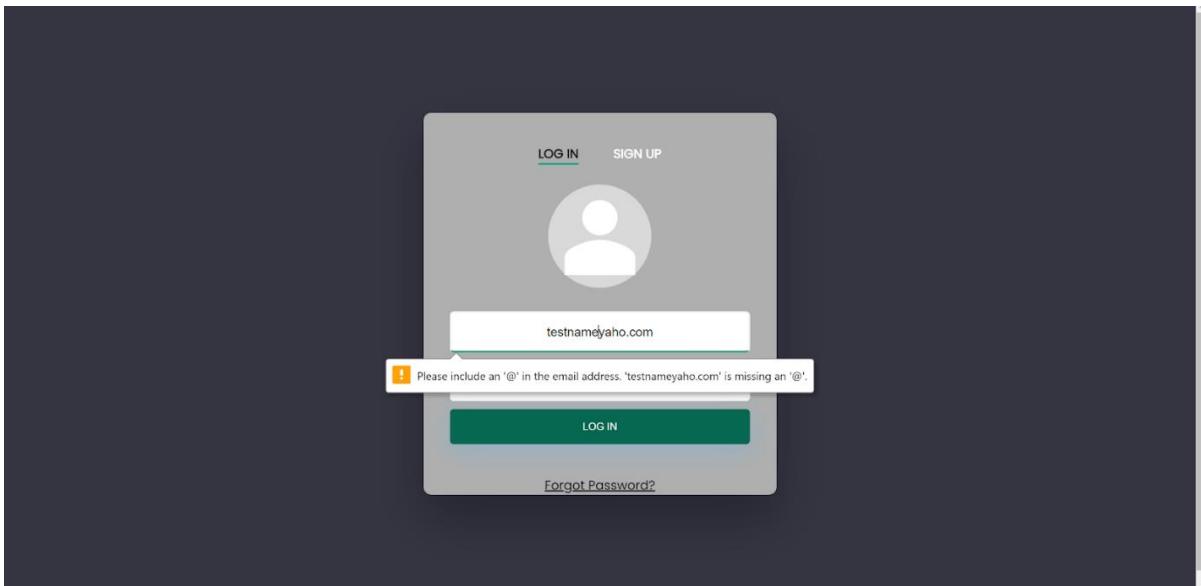
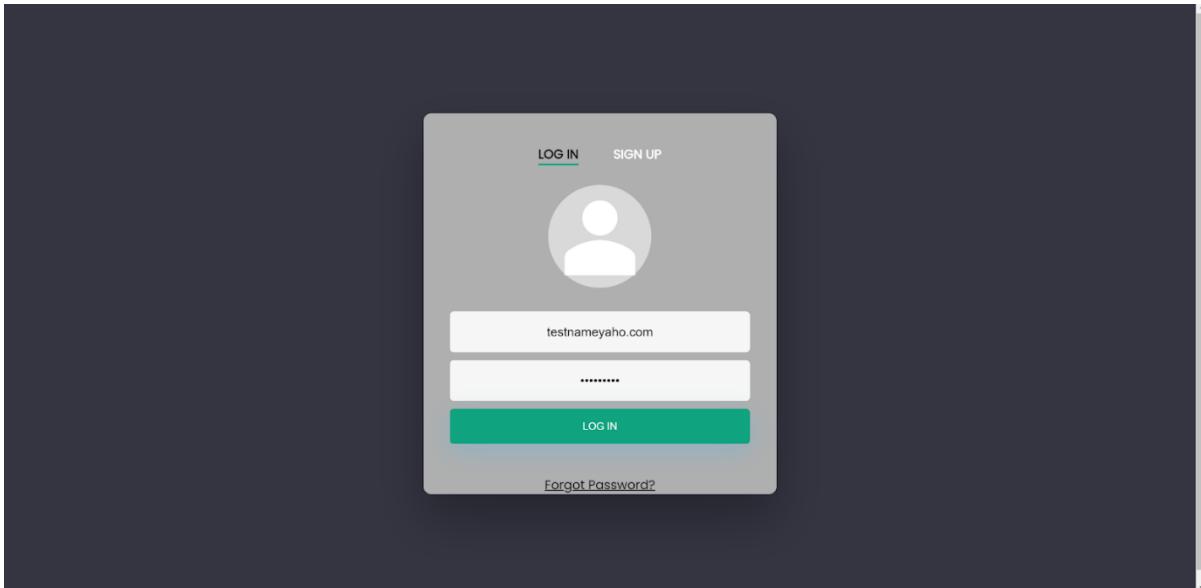
- All Field are Valid:



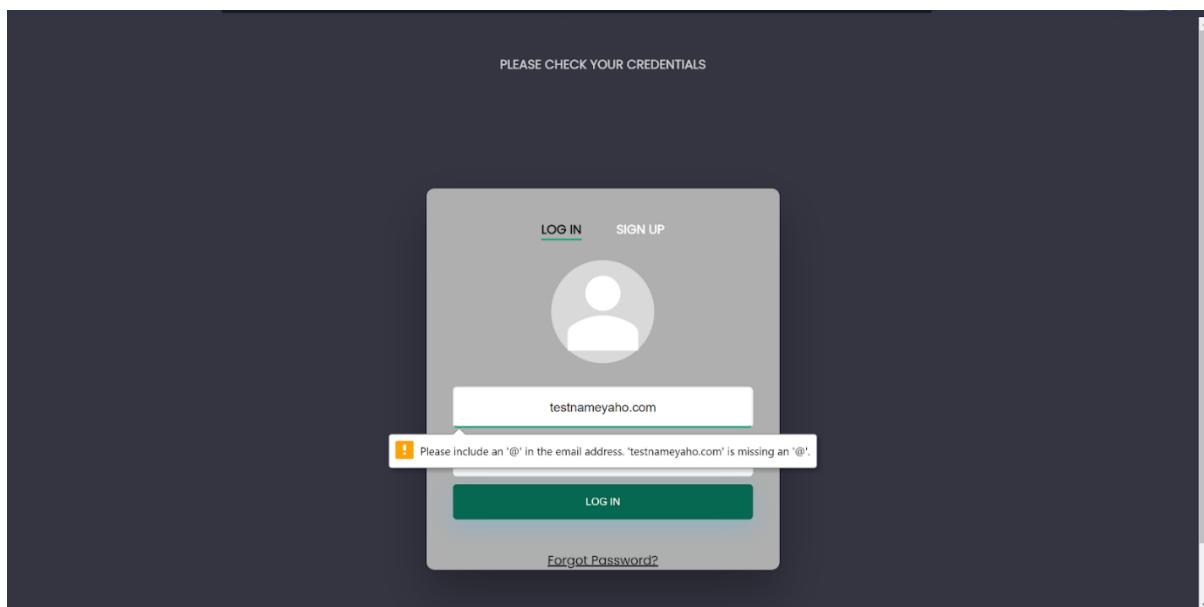
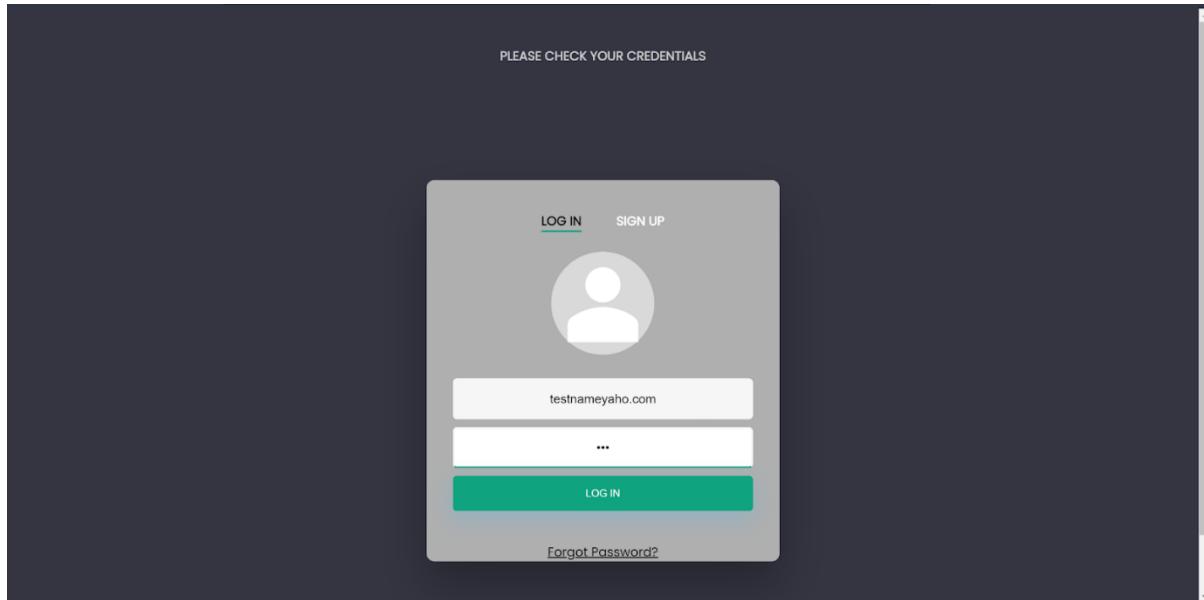
- Password is Invalid:



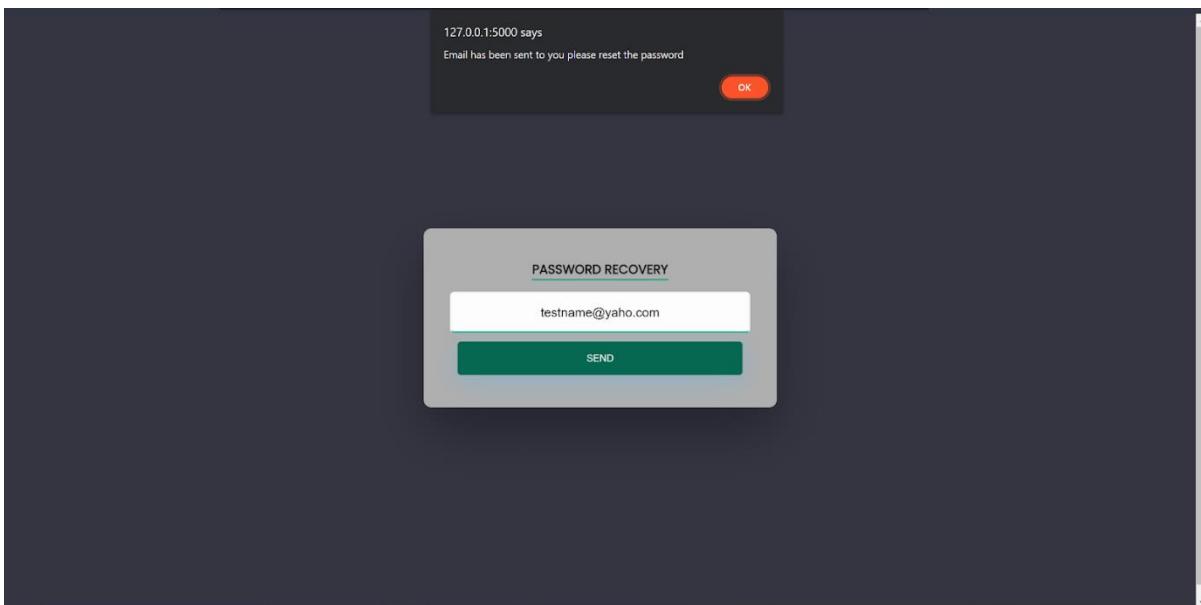
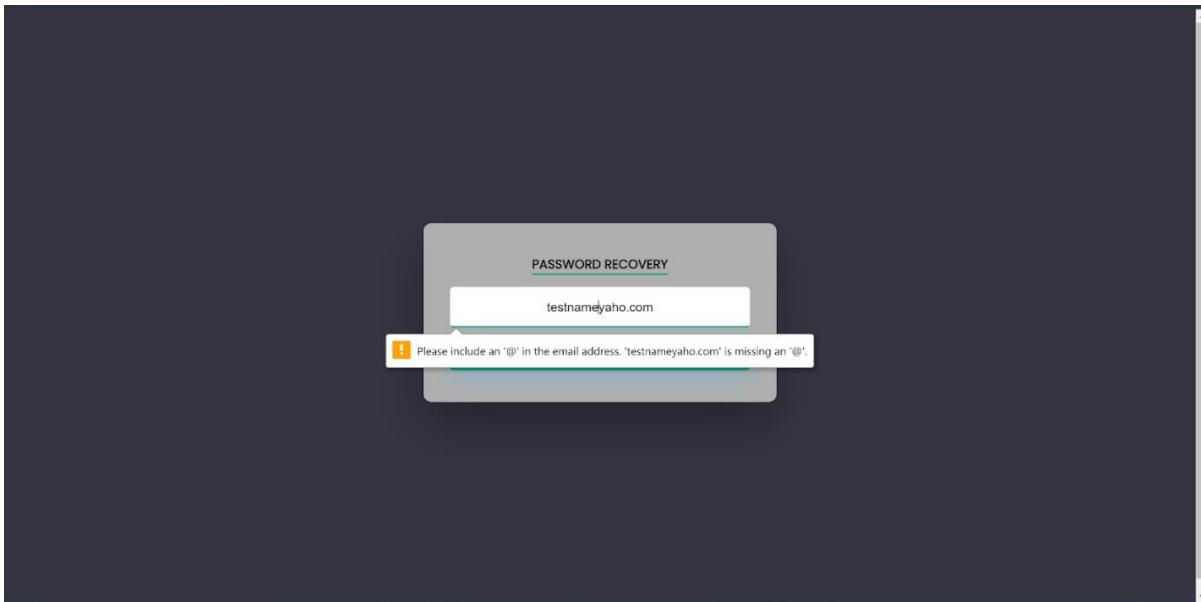
- Email is Invalid:



- Email and Password are invalid:



- Forgot Password:



3. Search For Product:

- Equivalence Class Partitioning:

Equivalence Class	Product Name	Expected Output
E1	Valid	Get Product Details
E2	Invalid	Product Not Found

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Product Name	Product Not Found

- Test Cases:

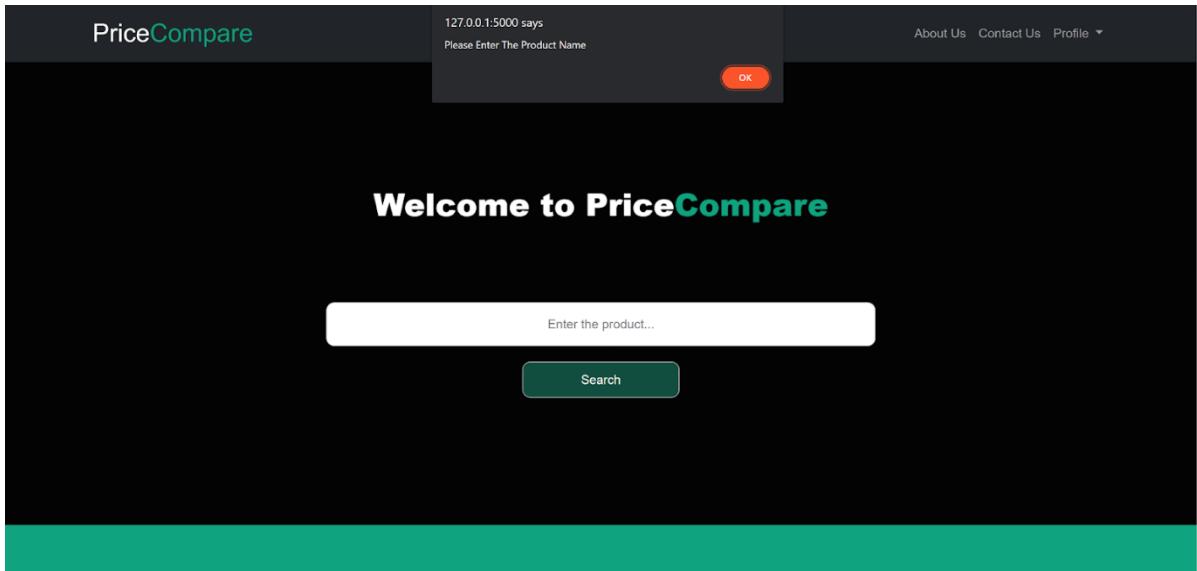
Test Case	Product Name	Expected Output
1	(Empty)	Enter Product Name
2	@ (Any Special Character)	Enter Valid Name
3	123	Get Product Details
4	Sahilman@gmail.com	Enter Valid Name
5	Gmy equipment (Wrong Spelling)	Get Product Details
6	Gym equipment	Get Product Details
7	daiict	Get Product Details
8	Hearing device	Get Product Details
9	Charging device for mobile	Get Product Details
10	Iphone 30	Get Product Details
11	Mobile m11	Get Product Details
12	Chappal	Get Product Details

13	Children toys	Get Product Details
14	Khand	Get Product Details

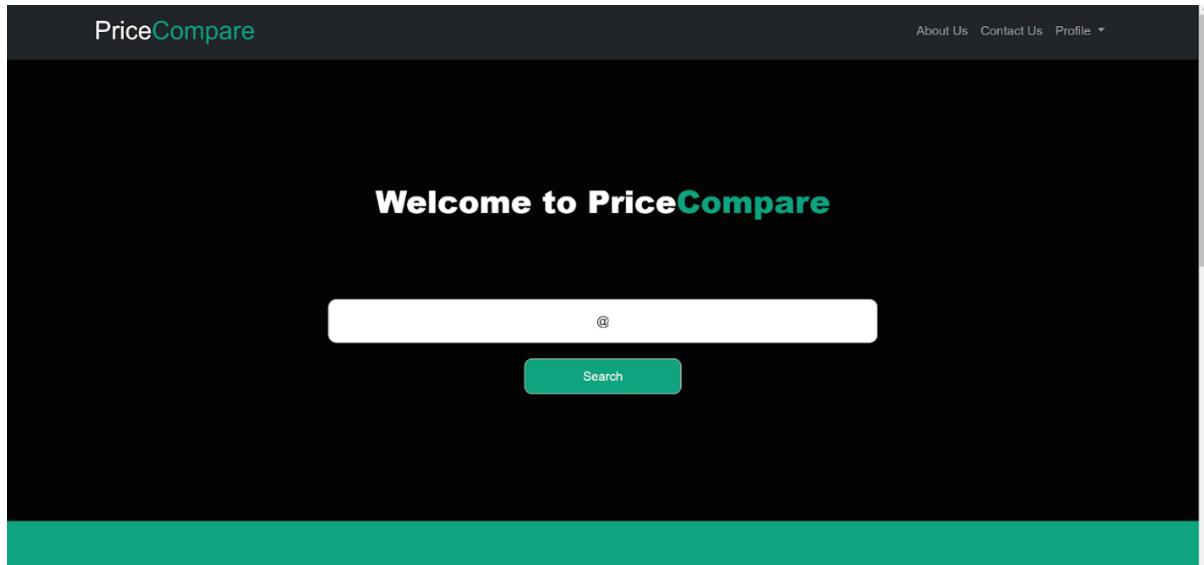
- Decision Table-Based Testing:

C1: Empty Search Product Name	True	False	
C2: Valid Product Name?	-	False	True
A1: Successfully Search Product			✓
A2: Enter Valid Product Name	!	!	

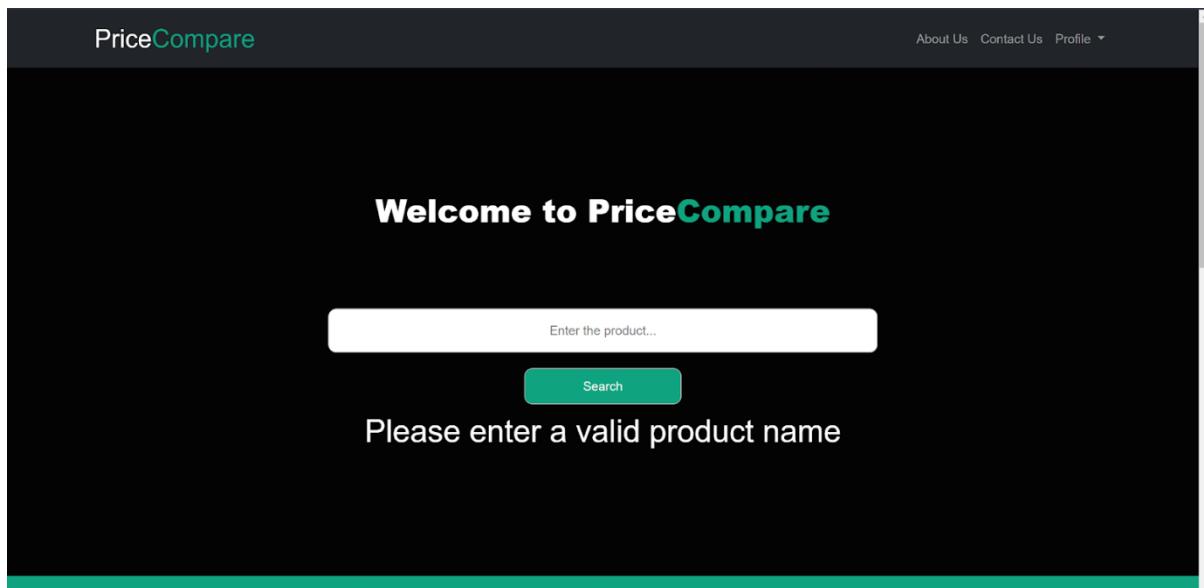
- Input Field is Empty:



- Input Field contain any special Character:



- Output:



- Input 123 get Product details:

The screenshot shows a search interface with a search bar and a 'Search' button. Below the search bar are filters: 'Filter by store', 'Sort by Price', 'Unrated', and 'Apply'. To the right are buttons for 'Store1', 'Store2', and 'Compare'. The main area displays a table of products:

Product	Site	Price	Link	Image
My First Book of 123 Board Book - English - 12 to 3 Year - Unisex	FirstCry India	₹238.65	Visit	
My First Book of 123, Board book for kids, 123 books for kids with illustrations	Amazon.in	₹234.00	Visit	
Official Cocomelon 123	Flipkart	₹714.00	Visit	
All in One English Activity Flash Cards Combo Collections for Early Learning by Inlkao (ABCD Alphabets & General Knowledge 150+ Pictures in 108	Amazon.in	₹233.00	Visit	

- Input Name is contained Sahilman@gmail.com:

The screenshot shows the PriceCompare homepage with a dark background. At the top, there's a navigation bar with 'PriceCompare' on the left and 'About Us', 'Contact Us', and 'Profile' on the right. The main heading 'Welcome to PriceCompare' is centered. Below it is a search bar with the placeholder 'Enter the product...' and a 'Search' button. A red error message 'Please enter a valid product name' is displayed below the search bar.

- Input Name is Gym equipment:

Search... Search

Filter by store Sort by Price Unrated Apply Site Store1 Store2 Compare

Product	Site	Price	Link	Image
Residential Lifts G+1 Split Unit	Nibav Lifts	₹11,90,000.00	Visit	
The Flexpad: Smart Walking Pad and Treadmill for Home Gym - Buy India's #1 Foldable Treadmill and Walkpad	Flexnest	₹27,999.00	Visit	
The Flexibell Best Adjustable Dumbbell Set For Home Gym By Flexnest The Flexibell (Pair)	Flexnest	₹16,998.00	Visit	
Lifelong PVC Hex Dumbbells Pack of 2 (2kg-10kg) for Home Gym Equipment Fitness Barbell Gym Exercise Home Workout, Gym Dumbbells Dumbbells Weights	Amazon.in	₹129.00	Visit	

- Input Name contain Gmy eqipment (Wrong Spelling):

Search... Search

Filter by store Sort by Price Unrated Apply Site Store1 Store2 Compare

Product	Site	Price	Link	Image
Flexnest The Flexbench Pro - Buy Adjustable Bench For Home and Gym Workouts - Strength and Conditioning Workouts - Flexnest	Flexnest	₹29,999.00	Visit	
Sketra Hyper Multi Station Gym	sketra.com	₹72,999.00	Visit	
The Flexpad: Smart Walking Pad and Treadmill for Home Gym - Buy India's #1 Foldable Treadmill and Walkpad	Flexnest	₹27,999.00	Visit	
The Flexibell Best Adjustable Dumbbell Set For Home Gym By Flexnest The Flexibell (Pair)	Flexnest	₹16,998.00	Visit	

- Input Name contain daiict:

Search...		Search	
Product	Ratings	Price	Site
Untitled II by Tapas Maiti	Shopping results	₹24,900.00	WorldArtCommunity.com
Untitled by Tapas Maiti	₹24,900.00.	₹51,100.00	WorldArtCommunity.com
Untitled 15 by Tapas Maiti	. Visit site of WorldArtCommunity.com in a new window	₹54,750.00	WorldArtCommunity.com
New Histories Of The Andaman Islands: Landscape, Place And Identity In The Bay Of ...	₹51,100.00.	₹394.00	Amazon.in
Untitled 16 by Tapas Maiti	. Visit site of WorldArtCommunity.com in a new window	₹30,950.00	WorldArtCommunity.com
Voice Technologies For Speech Reconstruction And Enhancement	₹54,750.00.	₹7,552.00	atlanticbooks.com

- Input Name contain hearing device:

Search...		Search		
Product	Site	Price	Link	Image
TR Tinsrom Ear Machine Hearing for Old Age/Ear Hearing Machine/Ear Machine Booster Ultra Superior Sound/BTE Hearing Aid Machine (pack of 1)	Amazon.in	₹499.00	Visit	
Smart Care Beige Smallest Hearing Aid Machine with 6 German Batteries by Moglix	Moglix	₹1,899.00	Visit	
Axon K-86 Beige ITE Hearing Aid by Moglix	Moglix	₹599.00	Visit	
Smart Care HA07 Black Amplifier Rechargeable Wireless Hearing Aid by Moglix	Moglix	₹5,249.00	Visit	

- Input Name is Charging device for Mobile:

Product	Site	Price	Link	Image
Mi 10000mAH Li-Polymer, Micro-USB and Type C Input Port, Power Bank 3i with 18W Fast Charging (Midnight Black)	Amazon.in	₹1,299.00	Visit	
10000mAh Mi Power Bank 3i Black	Mi.com	₹1,299.00	Visit	
Portronics Adapto 31 C 2.4A Mobile Charger with Single USB Port, 12W Max Output, 1M Type C Charging Cable, Smart Protection Chip(White)	Amazon.in	₹307.00	Visit	
Fast Charger Compatible with Mi Redmi Xiaomi Note5 /Redmi/Y1/Y2/Y3 Mobile Wall Travel Adapter/Charger + Micro USB Fast Data Sync Charging	Amazon.in	₹324.00	Visit	

- Input Name is Iphone 30:

Product	Site	Price	Link	Image
Apple iPhone SE 5G 64GB Starlight (2022)	Apple	₹49,900.00	Visit	
Apple iPhone 14 Pro Max 256 GB (Deep Purple, 6 GB RAM)	Gadgets Now	₹1,39,900.00	Visit	
Apple iPhone 14 Pro Max (256 GB) - Deep Purple	Amazon.in	₹1,49,900.00	Visit	
Apple iPhone SE (Rose Gold, 2GB RAM, 32GB Storage) Refurbished	viebazaar	₹6,999.00	Visit	

- Input Name contain mobile:

Product	Site	Price	Link	Image
OnePlus 11R 5G (Galaxy Silver, 8GB RAM, 128GB Storage)	Amazon.in	₹39,999.00	Visit	
Samsung Galaxy F13 4GB 128GB 16.62cm (6.6") Nightsky Green FHD+ Display Exynos 850 Processor 8GB RAM 6000mAh Battery Auto Data Switching	Samsung.com	₹10,699.00	Visit	
sealed Samsung Galaxy Z Fold2 256 GB, 12 GB RAM, Mystic Bronze, Smartphonee Domestic Warranty 3 Year Have doubts regard	Hi laptop.com	₹59,999.00	Visit	
Sony Xperia 1 iv XQ-CT72 Dual Sim 12GB 256GB 5G (Purple)	Howzzthat.com	₹1,09,999.00	Visit	

- Input Name contain mobile M11:

Product	Site	Price	Link	Image
Samsung Galaxy M11 64 GB (Metallic Blue, 4 GB RAM)	Gadgets Now	₹15,999.00	Visit	
Samsung Galaxy M11 (Black, 4GB RAM, 64GB Storage)	vlebazaar	₹8,999.00	Visit	
Samsung Galaxy M12 Blue,4GB RAM, 64GB Storage 6000mAh with 8nm Processor	vlebazaar	₹7,999.00	Visit	
Samsung Galaxy M11 32 GB (Black, Metallic Blue, Violet, 3 GB RAM)	Gadgets Now	₹9,999.00	Visit	

- Input Name contain Hospital equipment:

Product	Site	Price	Link	Image
IndoSurgicals Silvery II-SS Stethoscope	MedDeal.in	₹1,199.00	Visit	
Doctors Help - Audiobook	Google Play	₹202.71	Visit	
Unicare F5 Multipara Patient Monitor 12" display 720 hrs. trends & Graph 5 Standard Parameter 3.5 hrs. working time on battery Multipara	Hospitals Store	₹29,500.00	Visit	
Surgical Trolley Stainless Steel	Hospitals Store	₹9,400.00	Visit	

- Get accurate Product Name even if we have search for Gujarati Name – “champal”

Product	Site	Price	Link	Image
fast go women blue colour hawai chappal flip flops slipper indoor outdoor footwear	Amazon.in	₹99.00	Visit	
Neemans Fluffy flips	Neeman's	₹714.00	Visit	
FAST GO Men Flip Flops Slippers Hawaii Chappal Bathroom Slippers Casual Flip Flops Slippers Indoor Outdoor Footwear	Amazon.in	₹119.00	Visit	
Neemans Cork Sandals	Neeman's	₹1,949.00	Visit	

- Get accurate Product Name even if we have search for Gujarati Name – “khand”

The screenshot shows a search results page with a dark header bar containing a search input field, a green 'Search' button, and several filter options: 'Filter by store', 'Sort by Price', 'Unrated', and an 'Apply' button. To the right of the search bar are buttons for 'Store1', 'Store2', and 'Compare'. Below the header is a table with columns: 'Product', 'Site', 'Price', 'Link', and 'Image'. The table lists four products:

Product	Site	Price	Link	Image
Organic Khandsari Sugar - Organic Gyaan 1Kg	Organic Gyaan	₹160.00	Visit	
Puranic Desi Khand Organic 450gm Chemical & Pesticides Free Khand Desi Organic Khandsari Sugar Sulphur-free Khand Sugar Khaand 0.45 Kg	Amazon.in	₹149.00	Visit	
Induz Organic Cottage Sugar (Desi Khand)	Organic Orion	₹78.00	Visit	
ARYADHENU SHUDH DESI KHAND Chemical & Sulpher Free SWEETNER 900 Grams Replace Sugar in All Recipes & Beverage (Pack Of 1)	Amazon.in	₹212.00	Visit	

4. Filter Product by Store Name:

- Equivalence Class Partitioning:

Equivalence Class	Product Name	Expected Output
E1	Valid	Filtered Results by Store Name
E2	Invalid	Enter Valid Store Name

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Store Name	Enter Valid Store Name

- Test Cases:

Test Case	Product Name	Store Name	Expected Output
1	Iphone 14	(Empty)	Please Enter Valid Store
2	Iphone 14	Croma	Get Filtered Results
3	Jeans	123	Please Enter Valid Store
4	Iphone 14	Mynta	Please Enter Valid Store
5	Jeans	InstafabPlus	Get Filtered Results
6	Jeans	Flipkart	Please Enter Valid Store
7	Toys	Superpails	Get Filtered Results
8	Toys	FirstCry India	Please Enter Valid Store
9	Mobile m11	FirstCry India	Get Filtered Results
10	Mobile m11	Amzon.in	Please Enter Valid Store

- Decision Table-Based Testing:

C1: Empty Filter by Store Name	True	False		
C2: Valid Filter by Store Name	-	False	True	
C3: If Product is not available at this store.		-	True	False
A1: Successfully Filter by store Name				✓
A2: Please Enter Valid Store	!	!	!	

- Input Product Name: Iphone14
- Input Filter Store: Empty

The screenshot shows a dark-themed user interface for a product search. At the top, there is a search bar with the placeholder "Search..." and a green "Search" button. Below the search bar are several filters: "Filter by store", "Sort by Price", "Unrated", and an "Apply" button. To the right of these filters are buttons for "Store1", "Store2", and "Compare". A prominent error message "Please enter valid Store" is displayed in bold black text. Below the error message is a table header with columns labeled "Product", "Site", "Price", "Link", and "Image". The rest of the table body is empty.

- Input Product Name: Iphone14
- Input Filter Store: Croma

The screenshot shows a search interface for 'iphone 14'. At the top, there is a search bar containing 'iphone 14' and a green 'Search' button. Below the search bar are several filter buttons: 'Croma' (selected), 'Sort by Price', 'Unrated', and an 'Apply' button. To the right are buttons for 'Store1', 'Store2', and 'Compare'. The main area displays a table with columns: Product, Site, Price, Link, and Image. The products listed are:

Product	Site	Price	Link	Image
Apple iPhone 14 (128GB, Starlight)	Croma	₹71,990.00	Visit	
Apple iPhone 14 (128GB, Midnight)	Croma	₹71,990.00	Visit	
Apple iPhone 13 (128GB, Blue)	Croma	₹61,990.00	Visit	
Apple iPhone 14 (128GB, Red)	Croma	₹71,990.00	Visit	

- Input Product Name: Iphone14
- Input Filter Store: Myntra

The screenshot shows a search interface for 'iphone 14'. At the top, there is a search bar containing 'iphone 14' and a green 'Search' button. Below the search bar are several filter buttons: 'Myntra' (selected), 'Sort by Price', 'Unrated', and an 'Apply' button. To the right are buttons for 'Store1', 'Store2', and 'Compare'. A red validation message 'Please enter valid Store' is centered above the results. The main area displays a table with columns: Product, Site, Price, Link, and Image. The products listed are:

Product	Site	Price	Link	Image
Apple iPhone 14 (128GB, Starlight)	Myntra	₹71,990.00	Visit	
Apple iPhone 14 (128GB, Midnight)	Myntra	₹71,990.00	Visit	
Apple iPhone 13 (128GB, Blue)	Myntra	₹61,990.00	Visit	
Apple iPhone 14 (128GB, Red)	Myntra	₹71,990.00	Visit	

- Input Product Name: Jense
- Input Filter Store: 123

The screenshot shows a dark-themed search interface. At the top, there is a search bar with the placeholder "Search..." and a green "Search" button. Below the search bar are several input fields: a dropdown set to "123", a "Sort by Price" dropdown, an "Unrated" dropdown, and a green "Apply" button. To the right of these are two buttons labeled "Store1" and "Store2", and a green "Compare" button. A prominent error message "Please enter valid Store" is displayed in white text in the center of the interface. Below the error message is a table header with columns: Product, Site, Price, Link, and Image. The table body is currently empty.

- Input Product Name: Jense
- Input Filter Store: InstafabPlus

The screenshot shows a search interface with the product name "jense" entered into the search bar. The search results table has columns: Product, Site, Price, Link, and Image. Two items are listed:

Product	Site	Price	Link	Image
Instafab Plus Men's Regular Fit Denim Jeans 44 / Blue / Denim	Instafabplus	₹1,249.00	Visit	
PLUS SIZE MEN SOLID CASUAL DENIM JEANS 38 / Black / Solid	Instafabplus	₹1,349.00	Visit	

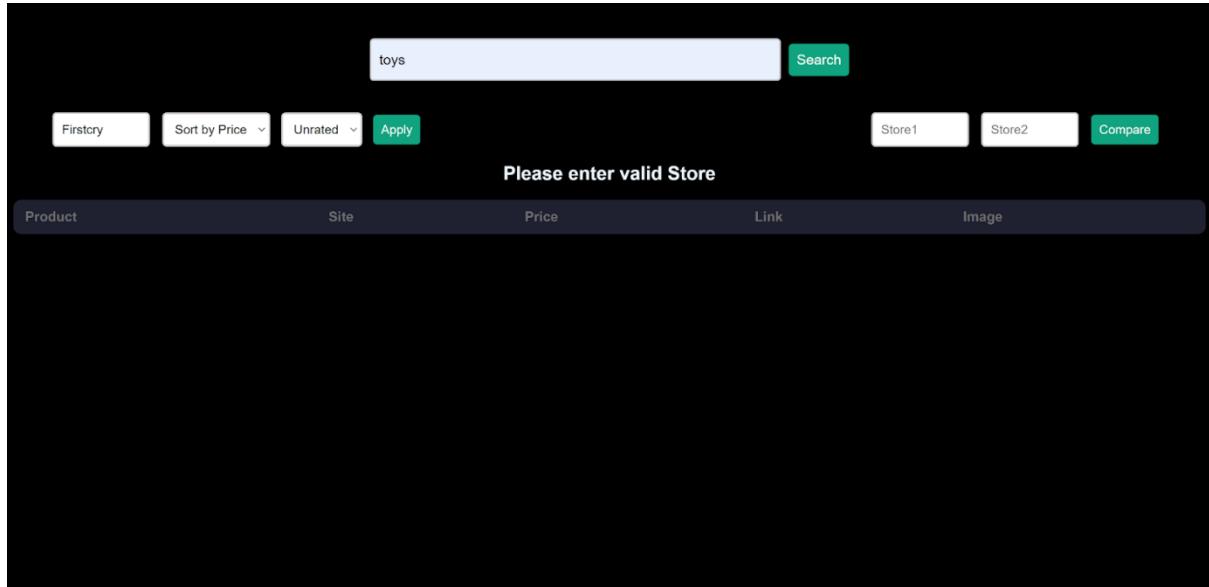
- Input Product Name: Jense
- Input Filter Store: Flipcart

The screenshot shows a search interface with a dark background. At the top, there is a search bar containing the text "jense" and a green "Search" button to its right. Below the search bar are several filter buttons: "Flipkart", "Sort by Price", "Unrated", and a green "Apply" button. To the right of these are "Store1", "Store2", and a green "Compare" button. A red error message "Please enter valid Store" is centered on the page. Below the message is a table header with columns: "Product", "Site", "Price", "Link", and "Image". The rest of the table body is empty.

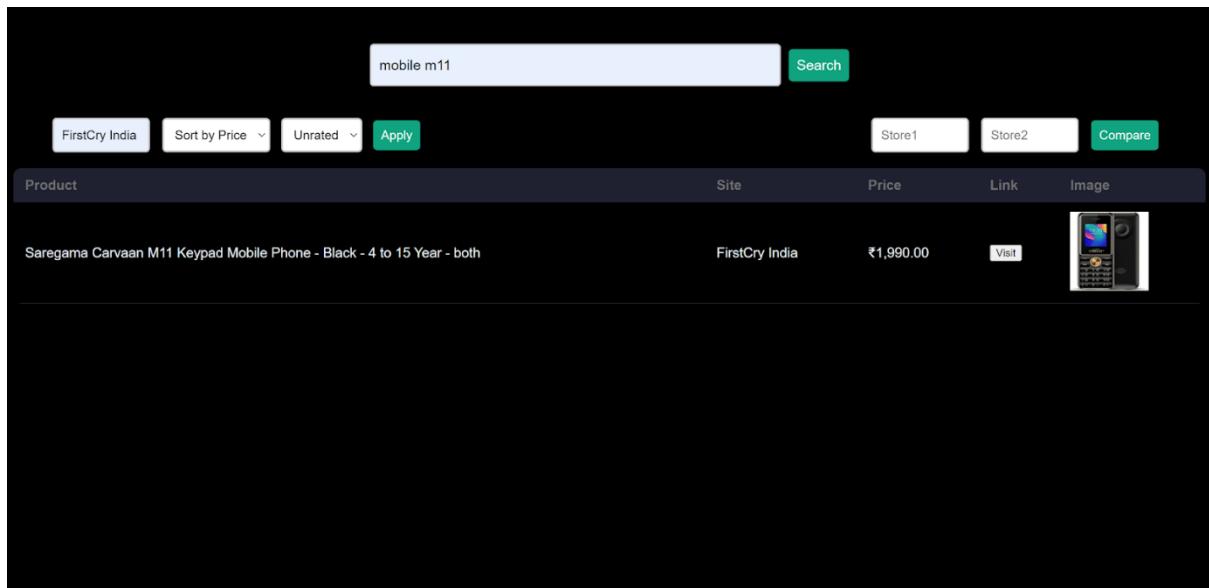
- Input Product Name: Toys
- Input Filter Store: SuperTails

The screenshot shows a search interface with a dark background. At the top, there is a search bar containing the text "toys" and a green "Search" button to its right. Below the search bar are several filter buttons: "Supertails", "Sort by Price", "Unrated", and a green "Apply" button. To the right of these are "Store1", "Store2", and a green "Compare" button. A red success message "Product found" is centered on the page. Below the message is a table header with columns: "Product", "Site", "Price", "Link", and "Image". Under the "Product" column, it lists "Outward Hound Catnip Chew Mice Toy for Cats". Under the "Site" column, it lists "Supertails". Under the "Price" column, it lists "₹420.00". To the right of the price is a "Visit" button. Next to the "Visit" button is an image of two colorful cat toys.

- Input Product Name: Toys
- Input Filter Store: FirstCry-India



- Input Product Name: Mobile m11
- Input Filter Store: FirstCry-India



- Input Product Name: Mobile m11
- Input Filter Store: Amazon.in

The screenshot shows a search interface with a dark background. At the top, there is a search bar containing the text "mobile m11" and a green "Search" button to its right. Below the search bar are several buttons: "Amazon.in", "Sort by Price", "Unrated", and an "Apply" button. To the right of these are "Store1", "Store2", and a green "Compare" button. A red error message "Please enter valid Store" is centered below the search area. At the bottom, there is a header with tabs: "Product", "Site", "Price", "Link", and "Image". The main content area below the header is completely blacked out.

5. Compare Product Price with Two Different Store Name:

- Equivalence Class Partitioning:

Equivalence Class	Store1 Name	Store2 Name	Expected Output
E1	Valid	Valid	Get Price Comparison
E2	Valid	Invalid	No Comparison Possible
E3	Invalid	Valid	No Comparison Possible
E4	Invalid	Invalid	No Comparison Possible

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Store Name (Empty)	Enter Valid Store Name
Store Name (Invalid or Product are not available at the Store)	No Comparison Possible

- Test Cases:

Test Case	Product Name	Store_1 Name	Store_2 Name	Expected Output
1	Oneplus 8 Pro	Amazon.in	Mobex	Get Product Result of Both Stores
2	Oneplus 8 Pro	Amzon.in	Flipkart	No Comparison Possible
3	Oneplus 8 Pro	FirstCry	Amazon.in	No Comparison Possible
4	Oneplus 8 Pro	FirstCry	Flipkart	No Comparison Possible
5	Chair	TheSleep Company	Wooden Strip	Get Product Result of Both Stores
6	Chair	TheSleep Company	Amazon.in	No Comparison Possible
7	Chair	FirstCry India	Wooden Strip	No Comparison Possible
8	Chair	FirstCry	Amazon.in	No Comparison Possible
9	Water Bottle	Root7	(Empty)	Please Enter Valid Store

10	Water Bottle	(Empty)	Toysrus	Please Enter Valid Store
11	Water Bottle	Amala.Earth	Root7	Get Product Result of Both Stores

- Decision Table-Based Testing:

C1: Empty Store1 Name	True	False		
C2: Empty Store1 Name	-	True	False	
C3: Valid Store1 Name? (Product is available or not at this store1)		-	False	True
C4: Valid Store2 Name? (Product is available or not at this store2)		-	False	True
A1: Successfully Compare Price				✓
A2: No Such Comparison Possible			!	!
A3: Enter Two Valid Store Name	!	!		

- Product Name: Oneplus8 Pro
- Store1 Name: Amazon.in, Store2 Name: Mobex

The screenshot shows a search interface with a search bar containing 'oneplus 8 pro'. Below the search bar are filters: 'Filter by store', 'Sort by Price', 'Unrated', and 'Apply'. To the right are buttons for 'Amazon.in', 'Mobex', and 'Compare'. The results table has columns for 'Product', 'Site', 'Price', 'Link', and 'Image'. It lists two products: 'OnePlus 8T 5G (Aquamarine Green, 8GB RAM, 128GB Storage)' from Amazon.in at ₹31,999.00 and 'Refurbished OnePlus 7 Pro (Blue, 8GB RAM, 256GB Storage)' from Mobex at ₹27,599.00. Each row includes a 'Visit' button and a thumbnail image of the phone.

Product	Site	Price	Link	Image
OnePlus 8T 5G (Aquamarine Green, 8GB RAM, 128GB Storage)	Amazon.in	₹31,999.00	Visit	
Refurbished OnePlus 7 Pro (Blue, 8GB RAM, 256GB Storage)	Mobex	₹27,599.00	Visit	

- Product Name: Oneplus8 Pro
- Store1 Name: Amazon.in, Store2 Name: Flipkart

The screenshot shows a search interface with a search bar containing 'oneplus 8 pro'. Below the search bar are filters: 'Filter by store', 'Sort by Price', 'Unrated', and 'Apply'. To the right are buttons for 'Amazon.in', 'Flipkart', and 'Compare'. A central message reads 'No Such Comparision Possible'.

- Product Name: Oneplus8 Pro
- Store1 Name: FirstCry-India, Store2 Name: Amazon.in

No Such Comparision Possible

Product	Site	Price	Link	Image

- Product Name: Chair
- Store1 Name: The sleep company, Store2 Name: wooden street

Product	Site	Price	Link	Image
The Sleep Company - Onyx SmartGRID Chair	The Sleep Company	₹12,999.00	Visit	
Joan Lounge Chair (Fabric, Aqua Flower) Wooden Street	Wooden Street	₹17,989.00	Visit	

- Product Name: Chair
- Store1 Name: FirstCry-India, Store2 Name: wooden street

The screenshot shows a search interface with a dark theme. At the top, there is a search bar containing the word "chair". Below the search bar are several buttons: "Filter by store", "Sort by Price", "Unrated", and "Apply". To the right of these are two buttons labeled "FirstCry India" and "Wooden Street", followed by a green "Compare" button. A message "No Such Comparison Possible" is displayed prominently in the center. Below this message, there is a header row with columns for "Product", "Site", "Price", "Link", and "Image". The main content area is currently empty, indicating no results found.

- Product Name: Water Bottle
- Store1 Name: Root7, Store2 Name: Empty

The screenshot shows a search interface with a dark theme. A modal dialog box is open in the center, displaying the message "127.0.0.1:5000 says Please enter two valid stores" with an "OK" button. Below the modal, there is a search bar with the placeholder "Search...". Underneath the search bar are filtering options: "Filter by store", "Sort by Price", "Unrated", and "Apply". To the right are buttons for "Root7", "Store2", and "Compare". A message "No Such Comparison Possible" is displayed above the results table. The results table has columns for "Product", "Site", "Price", "Link", and "Image". It lists four products:

- MILTON Prime 1000 Pet Water Bottle, 1 Piece, 1 Litre, Red | BPA Free | 100% Leak Proof | Office Bottle | Gym Bottle | Home | Kitchen | Travel Bottle - Available on Amazon.in for ₹130.00
- Vacuum Insulated Thermossteel Bottle | Black Split | Root7 750ml - Available on Root7 for ₹2,199.00
- E-COSMOS Water bottle set for Fridge, Office, Sports, School, Gym, Yoga | 1000 ML - Water Bottle | Unbreakable & Leak-Proof (1 Piece) Multi Color - Available on Amazon.in for ₹120.00
- Copper Bottle | 7 Chakra Engraved | 1 Litre - Available on amala.earth for ₹1,024.00

- Product Name: Water Bottle
- Store1 Name: Empty, Store2 Name: Toysrus

127.0.0.1:5000 says
Please enter two valid stores

Search... **OK** **Search**

Filter by store **Sort by Price** **Unrated** **Apply**

Store1 **Toysrus** **Compare**

Product	Site	Price	Link	Image
MILTON Prime 1000 Pet Water Bottle, 1 Piece, 1 Litre, Red BPA Free 100% Leak Proof Office Bottle Gym Bottle Home Kitchen Travel Bottle	Amazon.in	₹130.00	Visit	
Vacuum Insulated Thermossteel Bottle Black Split Root7 750ml	Root7	₹2,199.00	Visit	
E-COSMOS Water bottle set for Fridge, Office, Sports, School, Gym, Yoga 1000 ML - Water Bottle Unbreakable & Leak-Proof (1 Piece) Multi Color	Amazon.in	₹120.00	Visit	
Copper Bottle 7 Chakra Engraved 1 Litre	amala.earth	₹1,024.00	Visit	