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graph LR
    FLIPKART((FLIPKART)) --- 1[1. SIGN UP]
    FLIPKART --- 2[2. Login]
    FLIPKART --- 3[3. SEARCH]
    FLIPKART --- 4[4. Add to Cart]
    FLIPKART --- 5[5. Check Out]
    FLIPKART --- 6[6. Payment]
    FLIPKART --- 7[7. Order Confirmation]
    FLIPKART --- 8[8. My Accounts]
    
    1 --- 1a[Mobile Number]
    1 --- 1b[OTP]
    
    2 --- 2a[Username or Email ID]
    2 --- 2b[Forgot password]
    
    3 --- 3a[Product]
    3 --- 3b[Filter]
    3b --- 3b1[Price]
    3b1 --- 3b1a[Minimum price to maximum price]
    3b1 --- 3b1b[Maximum price to minimum price]
    3b --- 3b2[Quantity]
    3b2 --- 3b2a[Minimum price to maximum price]
    3b2 --- 3b2b[Maximum price to minimum price]
    3b --- 3b3[Size]
    3b3 --- 3b3a[English]
    3b3 --- 3b3b[Indi]
    3b3 --- 3b3c[Text]
    3b --- 3b4[Language]
    3b4 --- 3b4a[Image]
    3b4 --- 3b4b[Soundtrack]
    3b4 --- 3b4c[Video]
    3b --- 3b5[Brand]
    3b5 --- 3b5a[Male]
    3b5 --- 3b5b[Female]
    3b5 --- 3b5c[Unisex]
    3b --- 3b6[Category]
    3b6 --- 3b6a[Electronics]
    3b6 --- 3b6b[Home appliances]
    3b6 --- 3b6c[Clothing]
    3b6 --- 3b6d[Books]
    3b6 --- 3b6e[Toys]
    3b6 --- 3b6f[Others]
    
    4 --- 4a[Add products to your interest items to collect]
    4 --- 4b[Adding multiple items to cart]
    4 --- 4c[Items are added to your cart and ready to checkout]
    4 --- 4d[Add product as a gift]
    4 --- 4e[Compare and offers]
    
    5 --- 5a[Cart contains as per requirement]
    5 --- 5b[Shipping charges details]
    5 --- 5c[Add insurance]
    5 --- 5d[Add address]
    5 --- 5e[Add gift card]
    5 --- 5f[Cart summary]
    5 --- 5g[Delivery date]
    5 --- 5h[Payment mode]
    5 --- 5i[Delivery location]
    5 --- 5j[Delivery date and time]
    5 --- 5k[Delivery location]
    5 --- 5l[Delivery date and time]
    5 --- 5m[Delivery location]
    5 --- 5n[Delivery date and time]
    5 --- 5o[Delivery location]
    5 --- 5p[Delivery date and time]
    5 --- 5q[Delivery location]
    5 --- 5r[Delivery date and time]
    5 --- 5s[Delivery location]
    5 --- 5t[Delivery date and time]
    5 --- 5u[Delivery location]
    5 --- 5v[Delivery date and time]
    5 --- 5w[Delivery location]
    5 --- 5x[Delivery date and time]
    5 --- 5y[Delivery location]
    5 --- 5z[Delivery date and time]
    
    6 --- 6a[Debit/Credit card]
    6 --- 6b[UPI account]
    6 --- 6c[Netbanking]
    6 --- 6d[Cash on delivery]
    6 --- 6e[Bill]
    6 --- 6f[Add gift card]
    
    7 --- 7a[Order summary]
    7 --- 7b[Receipts]
    7 --- 7c[Customer order]
    
    8 --- 8a[My orders]
    8 --- 8b[My wishlist]
    8 --- 8c[My orders and carts]
    8 --- 8d[My gift cards]
  
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## ▼ 1.SCOPE

- Functionality
- UI
- UX

- Security
- Automation
- Performance

- To prevent bugs going to production.
- The functionality should be as per the user requirement.
- The user should seamless user journey across all channels.

### 3.TEST ENVIRONMENT

SYSTEM	SPECIFICATION	Column 3
OS	Windows, Linux, Mac	
Processor	1GHz, Intel i5 and Intel i7	
RAM	4GB, 8GB, 12GB, 16GB	
HardDisk	1TB	
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SYSTEM	SPECIFICATION
Browser	Chrome, Mozilla Fire Fox , Safari , Internet Explorer, MS Edge
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#### ▼ 4.TEST COVERAGE

- ▷ Exploratory testing
- ▷ Test Case Development
- ▷ Software Test Execution
- ▷ Defect Verification
- ▷ Device + Browser coverage
- ▷ Consistency verification across all platforms

#### 5.TESTING TOOLS

TOOL NAME	ABOUT	PURPOSE
Jira	Test Management tool	Bug Logger,Feature details and project tracker
EdrawMind	Mind Map tool	Mind Map
Zephyr	Test Case management tool	Test execution
Bugasura	Defect Management tool	Defect tracking
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#### ▼ 6.TEST DELIVERABLES

- Test Execution Report
- Test Report
- Test summary
- Defect Report
- Test case report

#### ▼ 7.RELEASE CONTROL

Release management plan with appropriate version history that will make sure test execution for all modification and new features in that release.

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#### ▼ 8.RISK ANALYSIS

The time committed for testing may get changed on following cases.

- When the development is not completed on time
- Open defects are not resolved on time
- When the product undergoes multiple changes

To mitigate it

- Communicate regularly with stake holders to make sure product is provided on time for testing.
- Communicate to Client, BA and Scrum master developer on regular basis and send daily status.

#### ▼ 9.REVIEW AND APPROVALS

- All these activities are reviewed and sign off by the business team, project management, development team, etc.
- Summary of review changes should be traced at the beginning of the document along with approved date, name, and comment

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#### ▼ TEST CASES

TEST CASE ID	TEST CASE	TEST STEPS	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
TC_01	Verify the signup functionality with valid details	1.Enter the valid mobile number with ten digits 2.Verify the OTP 3.Verify set password	1.9585348388 2.456678 3.Password@123	Sign Up should be successfull	Signup is successfull	PASS
TC_02	Verify the signup functionality with Invalid details	1.Verify the invalid mobile number 2.Verify the Invalid OTP 3.Verify the mobile number field without any data 4.Verify the password using only special characters 5.Verify the length of password 6.Verify the alphabetic characters in mobile	1.9786644 2. 6785 3. N/A 4.&#@%* 5.jgiyggkhhyyyyy769# ^yyyyyyhh..... (above 57) 6.Alpha characters not accepted 7.N/A	Signup should not be successfull	Signup not successfull	FAIL

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characters in mobile number field

7.Verify the signup button without filling any data on signup

TC_03	Verify the Login functionality with valid details	1.Verify the mobile number 2.Verify the request OTP 3.Verify the password 4.Verify the email id 5. Verify the forgot password	1.9585348388 2.678956 3.Password@123 4.pavisundhar@gmail.com 5.OTP-655178	Login should be successfull	Login successfull	PASS
TC_04	Verify the Login functionality with Invalid details	1.Verify email id with maximum length. 2.Verify the email id with minimum length 3.Verify the email id without using @ 4.Verify the email id is case sensitive 5.Verify the invalid mobile number 6.Verify the invalid password	1.pavitnthr@1236888 69698797 2.pa@12 3.pavi45678 4.GHacVJK@123 5.9788456 6.6788999gh	Login should not be successful, error message should be displayed	Login not successfull	FAIL
TC_05	Verify the search functionality with valid details	1.Verify the search using brand name 2.Verify the search using product name 3.Verify the search product with grams/Weight 4.Verify the search product under price 5.Verify the search using different languages 6.Verify the search using two values 7.Verify the search using our mother tongue 8.Verify the search using upper and lower characters 9.Verify the product with gender 10.Verify the product by color 11.Verify the product with size 12.Verify the search product with offers	1.Adidas 2.Redmi 3. cookies250g 4.Redmi mobiles under 20,000 5. दमरू 6. GH 7. புத்தகம் 8. MOBILES 9. Footwear for Men 10. Pink Sarees 11.M Size diaper pants 12.Womens jeans combo offer	Search products should be displayed	Search products displayed	PASS
TC_06	Verify the search functionality with Invalid details	1.Verify the search using Numeric characters 2.Verify the search using alphabetic and number both 3.Verify the search text box using blank space	1.4567 2.a2g4g6h7 3.N/A	Search products should not be displayed	Search products not displayed as per the inputs	FAIL
TC_07	Verify the add to cart functionality	1.Verify whether the user is allowed to add products to the cart . 2.Verify user can increase or decrease the quantity of the same product 3.Verify that the added item is displayed in the cart. 4.Verify whether the user is allowed to remove the items in the cart. 5.Verify after removing all items in the cart 6.Verify that the count is changing on adding or removing items from the cart. 7.Verify that the success message is displayed when the item is deleted from the cart.	N/A	Products should be added to the cart successfully	Products added to the cart	PASS
TC_08	Verify the Check out functionality	1.Verify the amount of all added items is displaying correctly or not. 2.Verify the user is allowed to check out multiple items from	N/A	Products should be displayed by given inputs	Products displayed as per the inputs	PASS

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multiple items from the cart  
3.Verify the user is allowed to check out multiple items from the cart  
4.Verify user is allowed to change the quantity of the added items in the cart.

TC_09	Verify the Payment functionality with valid details	1.Verify UPI payment with g pay id 2.Verify the payment completed once the payment is done on UPI app 3.Verify the EMI options available in payment page 4.Verify with valid card number expiry data, CVV and name of card holder 5.Verify if the same payment is reflected in the payment page	1.HDFC0123 2.N/A 3.N/A 4.Card number-8007688564311 CVV-123 Expiry date-12/06/2022 Card holdername-Pavithra 5.N/A	Payment should be successfull
TC_10	Verify the Payment functionality with Invalid details	1.Verify UPI payment with Invalid gpay id 2.Verify with Invalid card number expiry data, CVV and name of card holder	1.OChdf4 2.Card number-80076564311 CVV-12 Expiry date-12/01/2022 Card holdername-Pavithra	Payment should not be successfull.
TC_11	Verify the order confirmation functionality	1.Verify if the user receives order confirmation message 2.Verify if the user receives order confirmation mail from the site. 3.Verify if the order summary like the order number, Order date, Shipping method, Products subtotal, Shipping cost, Total amount is displayed in the confirmation email.	N/A	Order confirmation message should be displayed

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## ▼ TEST IDEA

Feature	Classification	TestIdea	Status
SignUP	Functional	Verify the SignUp page	Pass
Login	Functional	Verify the Login page	Pass
Search	UI	Verify the search using brand name	Pass
Search	UI	Verify the search using product name	Pass
Search	UI	Verify the search using languages	Pass
Add to cart	UI	Verify whether the user is allowed to add products to the cart .	Pass
Add to cart	UX	Verify that the added item is displayed in the cart.	Pass
Add to cart	UI	Verify whether the user is allowed to remove the items in the cart.	Pass
Checkout	UX	Verify the amount of all added items is displaying correctly or not.	Pass
Checkout	UI	Verify the user is allowed to check out multiple items from the cart	Pass
Checkout	UI	Verify user is allowed to change the quantity of the added items in the cart.	Pass
Payment	Functional	Verify UPI payment with g pay id	
Payment	Functional	Verify the EMI options available in payment page	
Payment	Functional	Verify with valid card number expiry data, CVV and name of card holder	
Order Confirmation	UI	Verify if the user receives order confirmation message	
Order Confirmation	UI	Verify if the order summary like the order number, Order date, Shipping method, Products subtotal, Shipping cost, Total amount is displayed in the confirmation email.	

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