

Groupon: Team 10: GroupOn

1. Introduction

- **Test Project Overview**

The following testing plan, scope, design and other details are associated with testing *groupon.com*.

In this document, *groupon.com* and *Groupon* shall be used synonymously.

The test project covers the web based, android app based and IOS app based testing of the different variants of *groupon.com*. The project covers using two different tools for recording and tracking the designed test cases for Groupon.

- Jira
- Test Rail

We will be identifying three different components for each platform. Then design test cases that might unearth possible defects and suggest improvements on top of them.

2. Test Plan and Scope

- **Test Approaches and Strategy**

Apart from being Reactive (testing after product is developed) the testing approach employed in this project is exploratory. The team first got themselves familiar with Groupon and understood the purpose of the website, the target audience and how it is different from other ecommerce websites offering similar services.

Here are a few factors that we considered for testing Groupon:

- **The nature of Groupon**

Groupon is a deal-of-the-day recommendation service for consumers.

Every 24 hours, Groupon broadcasts an electronic coupon for a restaurant or store in your city, recommending that local service while also offering you a certain discount should you purchase that service.

- **The domain Groupon falls under**

Groupon is more or less a middleman service that promotes your city's restaurants and stores. It broadly falls under the category of e-commerce. It is a commission-based middleman service. They provide a motivated customer base to the seller, and a promise to achieve X number of sales. If Groupon doesn't meet that promised quota, there is no need for the seller to provide any discount services, nor any commission pay to Groupon.

- **The platforms we tested on**

Web based testing, Android App based testing, IOS App based testing.

- **Cookies Testing**

Cookies are small files stored on the user machine. These are basically used to maintain the session- mainly the login sessions. Test the application by enabling or disabling the cookies in your browser options. Test if the cookies are encrypted before writing to user machine. If you are testing the session cookies (i.e. cookies that expire after the session ends) check for login sessions and user stats after session ends. Check effect on application security by deleting the cookies.

- **Testing forms in all pages**

Forms are the integral part of any website. Forms are used for receiving information from users and to interact with them. Here is what we checked in this category:

1. Check for default values of the fields. For example, In the Groupon home page, check the default value for the *location field*.
2. Wrong inputs in the forms to the fields in the forms.

- **Testing navigation**

Navigation means how a user surfs the web pages using different controls like buttons, boxes or how the user uses the links on the pages to reach various pages.

- **Content Checking**

Content should be logical and easy to understand. Check for spelling errors. Like any standard web development standards, all the anchor text links should be working properly.

- **Compatibility Checking**

One of the very vital and influencing part on web site testing. Some applications are very dependent on browsers. Different browsers have different configurations and settings that your web page should be compatible with. Test web application on different browsers like Internet explorer, Firefox, Chrome, Safari, Opera browsers with different versions.

- **Security Testing**

Here are some of the security testing. If you are logged in using username and password and browsing internal pages then try changing URL options directly. Try directly changing the URL site ID parameter to different site ID which is not related to the logged in user. Access should be denied for this user to view others stats.

- Try some invalid inputs in input fields like login username, password, input text boxes etc. Check the systems reaction on all invalid inputs.
- Web directories or files should not be accessible directly unless they are given download option.
- Test if SSL is used for security measures. If used proper message should get displayed when user switch from non-secure http:// pages to secure https:// pages and vice versa.

- **The End User / Customer perspective**

- Entrance and Exit Criteria
 - Entrance Criteria
 - Everybody in the team (resources) are skilled
 - All tools are available
 - All project structures are created
 - All test cases are written and peer reviewed
 - Exit Criteria
 - All planned test cases are executed
 - All critical defects are addressed
- Testing Requirements
 - Technical and Analytical skills required to perform testing
 - Enough people available to perform testing
 - Adequate tool knowledge
 - Tool availability
 - Strong knowledge of STLC
 - Ability to prioritize defects while testing
- Test Case Template

| Test Case Template | ID |
|--------------------|--------------------|
| | Title |
| | Type |
| | Priority |
| | Preconditions |
| | Steps |
| | Expected Result |
| | Created/Updated By |

- Tools used
 - Jira
 - Testrail

3. Test Design

- Test Platform
 - Components
- Web version components:

Home

User

Shopping Cart

- Android version components:

Navigation Menu

Search

Coupon Codes

- IOS version components:

Restaurant Details

Filter Component

Shopping Cart

WEB VERSION COMPONENTS

User Component for Web:

User

Ability of Users to SignUp with GroupOn.

C17 Ability of User to SignUp with GroupOn

Web application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Critical | None | UC-001 |

Preconditions

User navigates to https://www.groupon.com/signup?return_to=https%3A%2F%2Fwww.groupon.com%2Flogin page.
Test Data:
Full Name: test, Email: test@test.com, Password: test.

Steps

1. Enter user details in text boxes.
2. Click on check-box to accept the terms and conditions.
3. Click on SignUp button.

Expected Result

1. User should see the entered text in text boxes.
2. User should see the check box as ticked.
3. GroupOn user home page should be rendered.

Existing Users ability to **Sign In** using GroupOn credentials and add User profile.

C18 Existing Users ability to SignIn using GroupOn credentials and add User profile

Web application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-001 |

Preconditions

Navigate to the page https://www.groupon.com/login?return_to=https%3A%2F%2Fwww.groupon.com%2F

Test Data:
Email: test@google.com, Password: test@123

Steps

1. Enter user credentials from the test data section.
2. Click on the SignIn button.
3. Click on 'My Profile' located in the drop down menu at the top right corner.
4. Select gender as 'Male' and click on 'Next' button.
5. Enter the home location details and click on 'Next' button.
6. Select favorite deals from the available list and click on 'I am Done.'
7. Click on 'Save Profile' button.

Expected Result

1. Details entered by user should be visible in text boxes.
2. User home page is rendered.
3. A popup should prompt for user details.
4. User is prompted to provide his home location details.
5. User is prompted to provide his home location details.
6. User 'My Stuff' page is rendered.
7. A confirmation is seen on the screen "Thanks – we'll start sending you more deals for women and men".

Users ability to Sign In using Facebook and Google credentials

C19 Users ability to SignIn using Facebook and Google credentials

Web application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | UC-001 |

Preconditions

User has Google and Facebook credentials saved in browser preferences to enable logging into Groupon using those credentials.
https://www.groupon.com/login?return_to=https%3A%2F%2Fwww.groupon.com%2Fmyprofile

Facebook: Email: test@google.com, Password: test123
Google: Email: test@google.com, Password: test@123

Steps

1. Click on the 'Login in with Facebook' button.
2. Click on 'Login' button.
3. Click on 'Singout' at top right corner.
4. Click on the 'Login in with Google' button.
5. Click on 'Login' button.

Expected Result

1. A popup with user Facebook credentials is opened.
2. User home page is rendered from Groupon.
3. User is redirected to the login page.
4. A popup with user Google credentials is opened.
5. User home page is rendered from Groupon.

Guest Users ability to add items to cart and shop at GroupOn

C22 Guest Users ability to add items to cart and shop at GroupOn

Web application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | UC-001 |

Preconditions

User navigates to <https://www.groupon.com/>
 Customer uses Groupon as a guest.

Test Data:
 Full Name: test, Email: test@test.com, Password: test

Steps

1. Click on any item from the list of items.
2. Click on 'Buy' button.
3. Click on 'Proceed to Checkout' button.
4. Click on 'I am a New Customer' tab and enter credentials.
5. Click on 'Sign up to proceed to checkout'.
6. Enter Credit card and Shipping details.
7. Click on 'Place order' button.

Expected Result

1. User is navigated to the product details page.
2. User is navigated to <https://www.groupon.com/cart> page.
3. User is navigated to Login page to create or enter credentials.
4. User sees the entered credentials in the text boxes.
5. Payment page is rendered.
6. User should be able to enter credit and shipping details.
7. A confirmation message is displayed on the screen.

Existing user's ability to edit profile such as Password and payment details.

C23 Existing users ability to edit profile such as Password and payment details

Web application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-001 |

Preconditions

User logs into his account and navigates to Account page.

Steps

1. Click on the 'change' button to update user account details such as fist name, last name and email.
2. Navigate to 'Credit card' tab and update credit card details.

Expected Result

1. User successfully updates his account details under the account tab.
2. User successfully updates his credit details under the credit card tab.

Home Components

Home

Visibility of users' current location

T37 Visibility of users current location ↓

Test Run 3/4/2017 > Web application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

Never opened Groupon before on the system.
User not signed in.

Steps

- 1) open groupon.com on any browser
- 2) User sees a popup for signup.
- 2) check the location text field to see current location

Expected Result

- 1) Groupon website should be loaded successfully with search bar, location text field, all the products displayed in the current location
Homepage should contain links Home, Local, Goods, Getaways, Clearance, Coupons, Best of Groupon.
- 2) A popup should be shown to the user asking for signup and No thanks link.
- 3) current location need to be shown to the user next to the search text field.

Search results have to be relevant to the location and keywords/phrases

T42 Search Results have to be relevant to the location and keywords/phrases

Test Run 3/4/2017 > Web application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

User Signed in / Signed out

Steps

- 1) User opens groupon.com on web browser.
- 2) User enters keywords or phrases into the search bar on which they are interested in and click on search.
- 3) Results related to the keywords/phrases are to be shown.

Expected Result

- 1) Groupon page is rendered successfully without issues.
- 2) User should be given suggestions while typing into the search bar.
- Recent search results should be shown on clicking the search bar.
- 3) products/deals that are relevant are to be shown to the user with their prices along with filters for further narrowing of search results.

Click on links on the rendered page navigates to related pages

T46 Click on links on the rendered page navigates to related pages

Test Run 3/4/2017 > Web application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

User signed in / signed out

Steps

- 1) Open groupon.com on a browser
- 2) User clicks on one of the links which are categorized under Local, Goods, Getaways
- 3) A Sort by dropdown at the top right corner below location search to

Expected Result

- 1) Groupon should be rendered properly with all the links and products displayed along with images.
- 2) It should navigate to corresponding page showing the link text as heading and deals/ products related to the clicked link.
- It should show subcategories and option to search by specific location, choosing a price range.
- 4) A sort by dropdown with values Relevance, distance, Price: Low to High, Price: High to Low to be shown with default value as Relevance.

User enters only special characters in search box

T45 User enters only special characters in search box ↴

Test Run 3/4/2017 > Web application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

- 1) User signed in/signed out
- 2) User is in groupon homepage

Steps

- 1) User enters '/' on the search bar and clicks on search button.
- 2) User enters ';;;;' on the search bar and clicks on search button.
- 3) User enters ')'))' on the search bar and clicks on search button.

Expected Result

- 1) A message with no results should be shown to the user.
- 2) A message with no results should be shown to the user.
- 3) A message with no results should be shown to the user.

Users ability to sorts the search results by Relevance, Distance, Price

T47 Users ability to sorts the search results by Relevance, Distance, Price ↴

Test Run 3/4/2017 > Web application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) User opens groupon.com
- 2) User Signed in / Signed Out
- 3) User selected search results based on keyword/phrase search

Steps

- 1) User selects "Distance" from Sort By dropdown located in the top right corner.
- 2) User selects "Price: Low to High" from Sort By dropdown located in the top right corner.
- 3) User selects "Price: High to Low" from Sort By dropdown located in the top right corner.

Expected Result

- 1) Results should be sorted from low to high based on the distance.
- 2) Results should be sorted from low to high based on the price.
- 3) Results should be sorted from high to low based on price.

Dropdown options in getaway deals

T119 Dropdown options in Getaway delays ↓

Test Run 3/4/2017 > Web application for Groupon > Home Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

1. Open browser and open groupon.com

Steps

1. Click on Getaways on homepage
2. On Getaways page, hover on Getaways
3. Click on different Getaway options on the left of the popup

Expected Result

1. Getaway related deals should be displayed
2. All the Getaway deals categories should be displayed
3. Selected category should be shown

Results & Comments [?] History & Context [?] Defects [?]

Add a comment ..

| | |
|--|---|
| Failed 3/27/2017 7:39 AM Sai Gokul T. | Defect Reference: GRWEB-1 All dropdown options do not work in Getaway deals |
|--|---|

Shopping Cart Consistent Component

User clicks an item in the cart.

Shopping Cart

C50 Click on an item in the cart

Web application for Groupon > Shopping Cart Consistent Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

User should have at least one item in the cart.

Steps

1. The user should launch groupon.com in the browser.
2. User clicks on the shopping cart icon in the web page.
3. User clicks on the item link in the cart.

Expected Result

1. The groupon.com should be loaded successfully in the browser.
2. The user is redirected to the shopping cart page and all the items should be listed in the page.
3. The user should be redirected to the item link.

User adds an already existing item in the cart

C8 If the user adds the same item to the cart while continuing to shop, the item count in the shopping cart should get in...

Web application for Groupon > Shopping Cart Consistent Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should have an item already in the cart.

Steps

1. Confirm an item already exists in the cart.
2. User searches for an item that already exists in the cart.
3. User clicks on add to cart button on that item.

Expected Result

1. The number on the shopping cart icon should reflect the number of items in the cart.
2. The user should be shown an item that already exists in the cart.
3. The item quantity in the shopping cart should get incremented.

All items and their count and total amount be displayed in the cart

Overview Todo Milestones Test Runs & Results Test Cases Reports

C9 All items and their count and total amount should be displayed in the cart

Web application for Groupon > Shopping Cart Consistent Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should have at least one item already in the cart.

Steps

1. Confirm user have at least one item in the shopping cart
2. User clicks on the shopping cart button on the home page.

Expected Result

1. The number on the shopping cart icon should reflect the number of items in the cart.
2. The cart should display the following items in the cart.
 - a . Each item in the cart.
 - b. The price associated with each item.
 - c. The quantity of each item added.
 - d. The total amount of the items in the cart should be shown.

User updates the contents quantity in the cart- the total amount should reflect that too

C11 Update the contents quantity in the cart- total amount should reflect that too

Web application for Groupon > Shopping Cart Consistent Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should already have at least one item added to the cart

Steps

1. Confirm user already has at least one item in the cart.
2. User clicks on the shopping cart icon.
3. User changes the quantity of the item in the cart.

Expected Result

1. The number on the shopping cart icon should reflect the number of items in the cart.
2. The User should be shown the following.
 - a. items on the cart with price and quantity of each item.
 - b. The total amount of the items in the cart.
3. The following details should be updated appropriately
 - a. The total amount should be updated accordingly to the quantity.
 - b. The item count in the shopping cart should be updated accordingly.
 - c. The tax amount and shipping costs should be updated accordingly.

The items in the cart should retain the items in the cart

C14 Don't check out, close the site and come back later. The site should retain the items in the cart



Web application for Groupon > Shopping Cart Consistent Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Steps

1. Launch groupon.com in the browser
2. The homepage should be rendered successfully with no issues
3. Pick an item from the feed and click on add to cart.
4. User closes the site in the browser and re-opens the website.

Expected Result

1. The homepage should be rendered successfully with no issues
2. Relevant Search Results should be shown
3. The item should be added to the cart successfully
4. The items should retain already existing items in the cart.

ANDROID VERSION COMPONENTS

Navigation Menu in Android App:

Navigation Menu

User clicks on Navigation Menu

C31 User clicks on Navigation Menu

Android application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Critical | None | UC-005 |

Preconditions

1. GroupOn app is pre installed in the mobile device.
2. User is logged into his account.

Steps

1. Click on the Navigation Menu in the top left corner.

Expected Result

1. User sees a list of options to click such as My Subscriptions, My Wishlist and Customer Support.

User Navigates to My Wish list page

C35 User Navigates to My Wish list page

Android application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-001 |

Preconditions

1. GroupOn app is pre installed in the mobile device.
2. User is logged into his account.
3. User has no Products in his wish list.

Steps

1. Click on 'My Wish list' in the Navigation Menu.
2. Click on 'Browse Deals'.

Expected Result

1. User is navigated to 'My Wish list' page.
2. User home page is rendered.

Users ability to Edit the payment details

C37 Users ability to Edit the payment details

Android application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | UC-005 |

Preconditions

1. GroupOn app is pre installed in the mobile device.
2. User is logged into his account.

Steps

1. Click on 'Payment Methods' in Navigation Menu.
2. Click on 'Edit' button and edit the populated details.

Expected Result

1. User sees list of connected payment methods. Example: Visa Credit Card.
2. User successfully edits the card details.

Users ability to add payment details using phone camera

C38 Users ability to add payment details using phone camera

Android application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | UC-005 |

Preconditions

1. GroupOn app is pre installed in the mobile device.
2. User is logged into his account.
3. User already navigated to the Payments method page.

Steps

1. User clicks on Add Credit/Debit card.
2. Click on Scan your card.
3. Focus camera on the card.

Expected Result

1. User is prompted to provide credit/debit card details.
2. Users phone camera is launched.
3. Card details should be populated in the fields.

Users ability to Navigation to Deal Preferences

C39 Users ability to Navigate to Deal Preferences

Android application for Groupon > User Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-005 |

Preconditions

1. GroupOn app is pre installed in the mobile device.
2. User is logged into his account.

Steps

1. Click on the 'Deal Preferences'.

Expected Result

1. User successfully navigates to the Deal Preferences page and sees favorites attached to his profile.

SEARCH COMPONENT

Search

User ability to swipes left/right to see different categories

C30 User ability to swipes left/right to see different categories

Android application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

- 1) User application installed on the android mobile
- 2) User signed in / not signed in

Steps

- 1) From "NEARBY" navigation tab, User swipes right on the app homepage
- 2) User swipes right again.
- 2) User swipes left on the app homepage.

Expected Result

- 1) Category changes from "NEARBY" to "FEATURED" and products related to "FEATURED" are shown
- 2) Category changes from "FEATURED" to "GOODS" and products related to "GOODS" are shown
- 3) Category changes from "GOODS" back to "FEATURED" and products related to "FEATURED" are shown

Ability to filter searched products based on distance

C32 Ability to filter searched products based on distance

Android application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) User searches text "charger" in the search box and clicks on search
- 2) User clicks on distance
- 3) User selects "0.0 mi - 1.0 mi" radio button and clicks on done.
- 4) User sees products which are in the range of 0.0 mi - 1.0 mi away.

Expected Result

- 1) Results that are relevant to "charger" keyword needs to be displayed.
- 2) A popup slider should be displayed with list of radio buttons showing ranges of distances.
- 3) Popup slider should be closed
- 4) Results to be filtered out based on distances.

Ability to user to reset filters which are applied

C33 Ability to user to reset filters which are applied.

Android application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) User has pre-installed mobile application
- 2) User signed in / signed out

Steps

- 1) Search for "charger" keyword.
- 2) Apply more than 1 filter such as on the return results.
- 3) Click on "ALL FILTERS" and press "RESET" button.

Expected Result

- 1) Results specific to "charger" keyword should be shown.
- 2) Refined results based on the filters results should be shown.
- 3) All the filters will be reset and search results are updated to default.

Nearby deals need to be marked on a map

C36 nearby deals needs to be marked on a map

Android application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) User has pre-installed mobile application
- 2) User signed in / signed out

Steps

- 1) Open groupon app
- 2) In the NEARBY tab, click on button that is next to chosen location.
- 3) click on any markup to see the price, image of the deal.

Expected Result

- 1) groupon app is opened and products are displayed successfully.
- 2) Map should be rendered properly with various deals marked on their respective locations.
- 3) Image, price of the deal/product should be shown properly and clicking on it will take to the product page.

Multiple filter selection and sort on the filtered results.

T73 Multiple Filter selection and sort on the filtered results ↓

Test Run 3/4/2017 > Android application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

- 1) User application installed on the android mobile
- 2) User signed in / not signed in

Steps

- 1) Type in "drone" in the search box and click on search
- 2) click on "price" filter and choose "\$45 - \$50" from popup slider and click on done.
- 3) Click on Sort By Filter and choose "Price : High to Low" and click on done.
- 4) User sees the sorted results from hight to low in price.

Expected Result

- 1) It should display product results related to keyword "drone"
- 2) Refine the results based on price range of "\$45 - \$50"
- 3) should show the results in the sorted order of price from high to low.

Results & Comments ? History & Context ? Defects ?

Add a comment ..

| | |
|--|---|
| Failed 3/27/2017 7:50 AM Sai Gokul T. | Defect Reference: GRAN-3 Inaccurate sorting results when you search for an item |
|--|---|

Coupon Codes and Sync in the platforms Component

Coupon Codes

Remove the items from the android app cart

C12 Remove items from the Android app cart

Android application for Groupon > Coupon Codes and Sync in the platforms Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should have at least one item already in the cart in the android app.

Steps

1. Launch Android app.
2. Confirm user have at least one item in the shopping cart.
3. The cart should display the following items in the cart.

Expected Result

1. The android app should be loaded successfully without errors.
2. The number on the shopping cart icon should reflect the number of items in the cart.
3. The cart should display the following items in the cart. a. The total billing amount should be updated accordingly. b. The total number of the items in the Shopping cart header should be updated accordingly. c. All other platforms like web and mobile apps should be made consistent.

The items in the cart should reflect in different platforms

C13 The items in the cart should reflect in different platforms i.e. Android app and Web application

Android application for Groupon > Coupon Codes and Sync in the platforms Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Steps

1. Launch groupon.com in the browser
2. Search for an item in the text box seen on web page header
3. Pick an item from the feed and click on add to cart
4. Launch the android app.
5. User login's the mobile app
6. User clicks on the cart icon in the android mobile app.

Expected Result

1. The homepage should be rendered successfully with no issues
2. Relevant Search Results should be shown
3. Item should be added to the cart successfully
4. The android app should be loaded successfully
5. The user should be authenticated successfully
6. The user should be shown the items that are already added in the web app in the android app.

A user adding multiple coupons should update the amount with latest coupon code

C51 A user adding multiple coupons should update the amount with latest coupon code

Android application for Groupon > Coupon Codes and Sync in the platforms Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should have at least one item in the cart and a valid coupon code should be already applied for the transaction.

Steps

1. User launches the android app.
2. The user should click on the cart button.
3. The user enters the new coupon code in the checkout.

Expected Result

1. The android app should be loaded successfully.
2. The cart should be displayed with all the items in the cart.
3. The following should be applied in the cart
 - a. The existing coupon code should be removed.
 - b. The amount details should be updated in the cart accordingly.
 - c. The new coupon code should be applied.
 - d. The cart should be updated with the amount details.

Add item to the cart and continue shipping in the mobile app

C7 Add Item to the cart and continue shopping in the mobile app

Android application for Groupon > Coupon Codes and Sync in the platforms Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

The user should be able to search for items in Groupon android app

Steps

1. Launch Groupon android app in the mobile.
2. Search for an item in the text box seen on android app header
3. Pick an item from the feed and click on add to cart.
4. User clicks back button in the Groupon app.

Expected Result

1. The android app should be rendered successfully with no issues.
2. Relevant Search Results should be shown.
3. Item should be added to the cart successfully.
4. The user should be redirected to the old screen and should be able to do the following
 - a. Search for other items in the app
 - b. Choose an item from the list and add to the cart.

A user can add more items to the cart – total should reflect the same

T32 A user can add more items to the cart- total should reflect the same

Test Run 3/4/2017 > Android application for Groupon > Coupon Codes and Sync in the platforms Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions
The user should be able to search for items in the catalog that can be added to the cart

Steps

1. Launch Android app in the mobile
2. User searches for any item on the text box seen on the web page.
3. Pick an item from the cart and click add to cart.

Expected Result

1. Android app should be loaded successfully.
2. Relevant results should be shown to the user.
3. The item should be added to the cart successfully, the item count on the header should reflect the correct quantity.
 - a. The latest cart details should be updated in all the platforms like mobile, web.

Results & Comments History & Context Defects
Add a comment ...

| | |
|--|--|
| Failed 3/27/2017 7:49 AM Sai Gokul T. | Defect Reference: GRAN-2 When excessive items are added to cart, server error is thrown. |
|--|--|

Restaurant Details of iOS Application:**Restaurant Details**

User able to view ratings of nearby restaurants

C40 User able to view ratings of nearby restaurants

IOS Application for Groupon > Restaurant Details

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Low | None | UC-001 |

Preconditions

User already navigated to Restaurant tab and able to view near by restaurants.

Steps

1. Click on reviews under restaurant details.

Expected Result

1. User is directed to the reviews section and is able to view top reviews for each restaurant.

User redirected to the menu page of each restaurant

C42 User redirected to the menu page of each restaurant

IOS Application for Groupon > Restaurant Details

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-007 |

Preconditions

User already navigated to the restaurant details page.

Steps

1. Click on the menu link in the 'About this deal' section.

Expected Result

1. User is redirected to the restaurants menu page and should see list of items offered by the restaurant.

User able to view directions to the restaurant from the restaurant details page

C43 User able to view directions to the restaurant from the restaurant details page

IOS Application for Groupon > Restaurant Details

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-007 |

Preconditions
User already navigated to the restaurant details page in the iOS application

Steps

1. Click on 'get direction' in the restaurant details page.
2. Click OK.

Expected Result

1. Pop up should open asking permission to open the maps app in iOS.
2. Maps app should open with directions to the restaurant.

Guest Users ability to add credit/debit card details using phone camera

T95 Guest Users ability to add credit/debit card details using phone camera

Test Run 3/4/2017 > IOS Application for Groupon > Restaurant Details

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-001 |

Preconditions
User already navigated to the Add credit/debit card details page

Steps

1. Click on 'Add new card' in Payment method.
2. Click on 'Scan your card'.
3. Place card in front of camera to scan it.

Expected Result

1. User is redirected to the add card details page.
2. Users phone camera is turned on.
3. User card details are populated in the fields accurately.

Results & Comments [] History & Context [] Defects []

Add a comment ..

| | |
|--|--|
| Failed 3/27/2017 7:46 AM Sai Gokul T. | Defect Reference: GRIOS-4 Card Details not populated accurately at Payment Methods |
|--|--|

User able to make a call to the restaurant from the restaurant details page.

C47 User able to make a call to the restaurant from the restaurant details page

IOS Application for Groupon > Restaurant Details

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | UC-007 |

Preconditions _____
User already navigated to the restaurant details page in the iOS app.

Steps _____
1. Click on call in the restaurant details page.

Expected Result _____
1. New call event is triggered from the application to the restaurant.

Filter Components

Filter Component

Ability to user to filter reviews based on the keyword displayed

C41 ability to user to filter reviews based on the keywords displayed

IOS Application for Groupon > Search Component

| | | | |
|--------------------|--------------------|------------------|--------------------|
| Type Functional | Priority Medium | Estimate None | References None |
|--------------------|--------------------|------------------|--------------------|

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) Click on any product
- 2) Choose "All reviews"
- 3) Click on keyword

Expected Result

- 1) product/deal page should be opened.
- 2) All the reviews related to the product should be shown to the user
- 3) Refined reviews that are related to the keyword should be shown

Filter best of groupon with more than 1 filter

T93 Filter best of groupon with more than 1 filters

Test Run 3/4/2017 > IOS Application for Groupon > Filter Component

| | | | |
|--------------------|------------------|------------------|--------------------|
| Type Functional | Priority High | Estimate None | References None |
|--------------------|------------------|------------------|--------------------|

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) Click on "Best of Groupon" in the tab
- 2) Click on "All Filters" to open popup slider from bottom.
- 3) Choose "Price: Low to High" and brand "OxGord".
- 4) See the filter count

Expected Result

- 1) "Best of Groupon" deals should be shown to the user
- 2) popup slider should open from bottom.
- 3) Both the filters should be applied and refined results should be shown.
- 4) Filter count should be increased to 2

Results & Comments History & Context Defects

Add a comment ..

| | |
|--|---|
| Failed 3/27/2017 7:42 AM Sai Gokul T. | Defect Reference: GRIOS-1 Inaccurate sorting results in the Goods category of Best of Groupon |
|--|---|

Allowing the user to share product details on social media sites

C46 Allowing the user to share product details on social media sites

IOS Application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | Medium | None | None |

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) Click on Goods
- 2) Choose any item and click on it.
- 3) Select option left to "cart" option at the right corner
- 4) Choose facebook

Expected Result

- 1) Products related to "Goods" should be opened
- 2) Product details and its reviews should be shown
- 3) A popup slider should be shown with social media icons displayed.
- 4) Should navigate to facebook and posted on facebook.

Ability for user to sort products based on price after applying price range filter

T101 Ability for user to sort products based on price after applying price range filter

Test Run 3/4/2017 > IOS Application for Groupon > Filter Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) click "drone" in search box and clicks on search
- 2) Apply filter price range "\$30 - \$45".
- 3) Apply sort by "Print high to Low" on the refined query.

Expected Result

- 1) Products related to keyword "drone" should be shown.
- 2) Refined results in the range of 30 - 45\$ should be shown.
- 3) After applying sort from price high to low, products should be sorted.

Results & Comments [?] History & Context [?] Defects [?]

Add a comment ..

| | |
|--|--|
| Failed 3/27/2017 7:45 AM Sai Gokul T. | GRIOS-5 Count of filters not accurate when multiple filters are set |
|--|--|

Allow user to see the image of the product/deal in full screen

C49 allow user to see the image of the product/deal in full screen

IOS Application for Groupon > Search Component

| Type | Priority | Estimate | References |
|------------|----------|----------|------------|
| Functional | High | None | None |

Preconditions

- 1) Application is pre-installed on mobile
- 2) User signed in / not signed in

Steps

- 1) Choose any product/deal
- 2) Click on the image

Expected Result

- 1) Product should be opened.
- 2) Image should be display in full screen

Shopping Cart Component

Shopping Cart

The items in the cart and the count in the header should remain consistent even after several days

T109 The items in the cart and the count in the header should remain consistent even after several days

Test Run 3/4/2017 > iOS Application for Groupon > Shopping Cart Component

| | | | |
|---------------|--------------------|------------------|--------------------|
| Type Other | Priority Medium | Estimate None | References None |
|---------------|--------------------|------------------|--------------------|

Preconditions
User should be already logged into the ios app and have items in the cart.

Steps

1. Confirm user logged in.
2. Add Items to the cart.
3. The User should log out of the account.
4. User should log in after some time or days.

Expected Result

1. Verify the user is logged in.
2. The user should be able to add the items to the cart.
3. The user should be successfully logged out of the app.
4. The following things should happen for the cart.
 - a. The cart count and the items in the cart should be saved.
 - b. If the cart items are expired then the header and items in the cart should be updated accordingly.

Results & Comments [] History & Context [] Defects []

Add a comment ..

| | |
|--------------------------------|--|
| Failed | GRIOS-2 Inaccurate number of cart items displayed if the items are left in cart for a long time |
| 3/27/2017 7:44 AM Sei Gokul T. | |

After successful check out, make sure the cart is empty

C53 After successful check out, make sure cart is empty.

iOS Application for Groupon > Shopping Cart Component

| | | | |
|---------------|--------------------|------------------|--------------------|
| Type Other | Priority Medium | Estimate None | References None |
|---------------|--------------------|------------------|--------------------|

Preconditions
The user should successfully complete a transaction by placing an order on all the items in the cart.

Steps

1. The user should login to the app.
2. The user should purchase all the items in the app.

Expected Result

1. The user should be authenticated successfully.
2. The cart should be empty after the transaction.

Add to cart should be disable for out of stock items

C54 for the Out of Stock Items - Add to cart should be disabled

IOS Application for Groupon > Shopping Cart Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

At least one item should which is out of stock list should be shown in the search.

Steps

1. The User should search for any item.
2. User clicks on any item that is out of stock.

Expected Result

1. The User should be shown items in the list.
2. For the item that is out of stock, the add to cart button should be disabled.

My

Groupons should be updated successfully after successful purchase

C55 My groupons should be updated after successful purchase

IOS Application for Groupon > Shopping Cart Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions

The user should purchase at least one item in the Groupon

Steps

1. The user should purchase an item.
2. User clicks on my Groupons.

Expected Result

1. Verify the item is purchased successfully.
2. The items that are purchased should be listed in the My Groupons tab.

When the cart is empty and the user clicks on the cart, the user should be shown a link to continue shopping.

Overview Todo Milestones Test Runs & Results Test Cases Reports

C56 When the cart is empty and the user clicks on the cart, the user should be shown a link to continue shopping 

IOS Application for Groupon > Shopping Cart Component

| Type | Priority | Estimate | References |
|-------|----------|----------|------------|
| Other | Medium | None | None |

Preconditions
The user should have no items in the cart

Steps

1. The user logins to the app.
2. Confirm user doesn't have items in the cart.
3. User clicks on the shopping cart button.

- Expected Result**
1. The app should verify the user credentials.
 2. Verify the user doesn't have any items in the cart.
 3. The user should be shown the empty cart and a button to redirect the user to search items screen in the app.

- o Jira Project Structure

IOS

GriOS

Create board

Issues

Reports

Releases

Components

PROJECT SHORTCUTS

+ Add shortcut

SOURCE CODE

+ Add source code

Invite your team

Project settings

Open issues Switch filter ▾

Order by Priority ▾

- GRIOS-8**
Number of notifications is not accurate sometim...
- GRIOS-7**
Invite friends can be more specific
- GRIOS-6**
At Checkout, Payment Confirmation is not avai...
- GRIOS-2**
Inaccurate number of cart items displayed if the..
- GRIOS-5**
Count of filters not accurate when multiple filter...
- GRIOS-4**
Card Details not populated accurately at Paym...
- GRIOS-3**
iOS app freezes when many items are added t...
- GRIOS-1**
Inaccurate sorting results in the Goods categor...

Android

GrAnd

Create board

Issues

Reports

Releases

Components

PROJECT SHORTCUTS

+ Add shortcut

SOURCE CODE

+ Add source code

Invite your team

Project settings

Open issues Switch filter ▾

Order by Priority ▾

- GRAN-4**
Previous Card details not cleared,when new ca...
- GRAN-1**
Customer support does not work as expected o...
- GRAN-7**
Counterfeit products sold many times
- GRAN-6**
Google Translate support for Android application
- GRAN-5**
Card Data population can have name as well
- GRAN-3**
Inaccurate sorting results when you search for ...
- GRAN-2**
When excessive items are added to cart, serve...

Web

The screenshot shows the JIRA web interface for the 'GrWeb' project. The top navigation bar includes links for Dashboards, Projects, Issues, Boards, and Create. The left sidebar contains links for Issues, Reports, Releases, Components, Project Shortcuts (with an option to add a shortcut), Source Code (with an option to add source code), Invite your team, and Project settings. The main content area is titled 'Open issues' with a 'Switch filter' dropdown. It shows a list of issues ordered by Priority (descending). The issues listed are:

- GRWEB-1: All dropdown options do not work in Getaway d...
- GRWEB-8: Forgot Password doesnot check if user is regis...
- GRWEB-7: Send app link for installation doesn't confirm ph...
- GRWEB-6: No direct groupon website link when you navig...
- GRWEB-5: Invalid location causes weird behavior
- GRWEB-4: When special character string is used as a sea...
- GRWEB-3: Groupon Students link navigates to a broken p...
- GRWEB-2: Groupon careers page goes to unexpected pag...

- Defects
- **IOS Defect 1:** Inaccurate sorting results in the Goods category of Best of Groupon

Steps to reproduce:

Preconditions:

1. Groupon app is installed on the iOS device and a user is logged in.

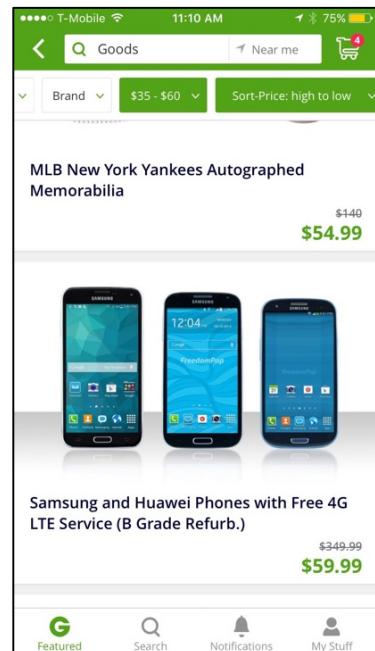
Test Steps:

1. On the iOS app for Groupon, on home screen choose Goods tab

2. Once the results are displayed, select filters 35\$ to 60\$ for Price, and Sort by: high to low

Expected Result:

All goods under this filtered price range category must be displayed from price range high to low.



IOS / IOS-1

Inaccurate sorting results in the Goods category of Best of Groupon

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin ▾](#)

| Details | | Pe | |
|-----------|--------------|-------------|---|
| Type: | Bug | Status: | TO DO (View workflow) |
| Priority: | Medium | Resolution: | Unresolved |
| Labels: | None | A | |
| Sprint: | IOS Sprint 1 | R | |
| V | | | |
| V | | | |
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| C | | | |
| U | | | |
| Ag | | | |
| F | | | |
| V | | | |
| Hi | | | |
| D | | | |

Description

Steps to reproduce:

Preconditions:

1. Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. On the iOS app for Groupon, on home screen choose Goods tab
2. Once the results are displayed, select filters 35\$ to 60\$ for Price, and Sort by: high to low

Expected Result:

All goods under this filtered price range category must be displayed from price range high to low.

Actual Result:

The goods are filtered according to the expected price range but they are not sorted from price range high to low

- **IOS Defect 2:** Inaccurate number of cart items displayed if the items are left in cart for a long time

Steps to reproduce:

Preconditions:

1. Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

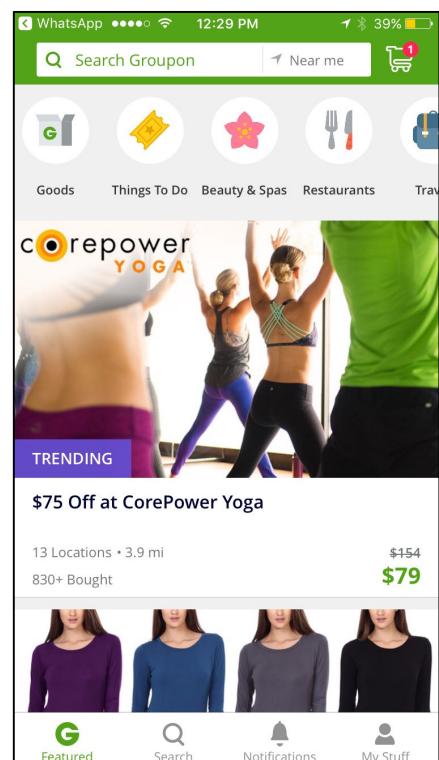
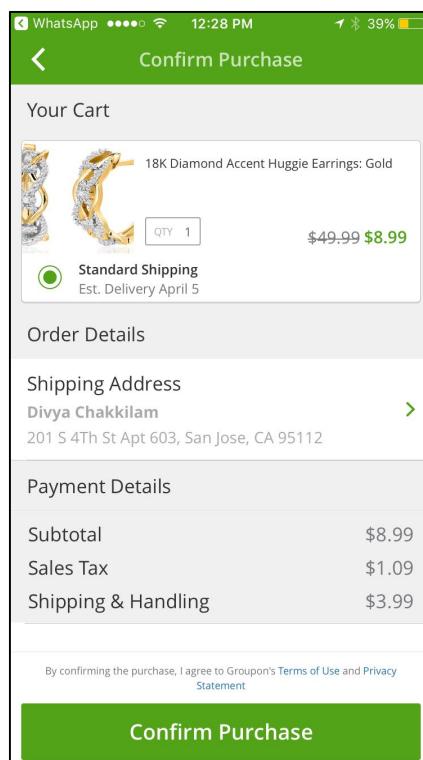
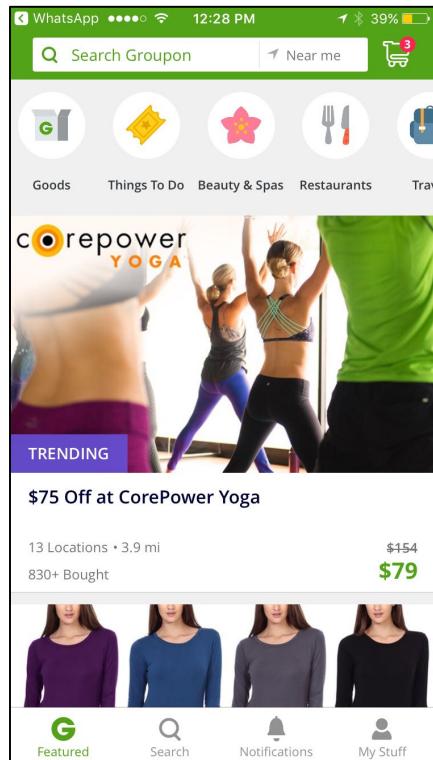
1. Search for some goods and them to the cart.
2. Make sure at least 3 or 4 items are present in cart.

Expected Result:

1. Cart shows all items added two days ago. If any item goes out of stock, quantity must be made zero or "Out of Stock" line must be displayed while leaving items in cart

Actual Result:

1. Cart shows only some of the added items. This behavior adds ambiguity as the user is not notified if the cart items have been removed or they have gone out of stock.



The screenshot shows a Jira issue page for a bug titled "Inaccurate number of cart items displayed if the items are left in cart for a long time". The issue is categorized under "iOS / iOS-2". The "Details" section includes fields for Type (Bug), Priority (Medium), Labels (None), and Sprint (IOS Sprint 1). The "Status" is "TO DO" (View workflow) and "Resolution" is "Unresolved". The "People" section shows no assignee, reporter, votes, or watchers. The "Dates" section shows creation and update dates. The "Agile" section includes a "Future sprint" link and a "View on Board" button. The "HipChat discussions" section shows a "Connect" and "Dismiss" button. The "Description" section contains steps to reproduce, preconditions, test steps, expected result, and actual result.

Inaccurate number of cart items displayed if the items are left in cart for a long time

Type: Bug Priority: Medium Status: TO DO (View workflow) Resolution: Unresolved

Assignee: Reporter: Votes: Watchers:

Description

Steps to reproduce:

Preconditions:
1. Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. Search for some goods and them to the cart.
2. Make sure at least 3 or 4 items are present in cart.
3. Leave the application and login after a day or two.
4. Cart shows accurate number of items as added earlier.
5. Go to cart, all items added are not displayed.

Expected Result:
1. Cart shows all items added two days ago. If any item goes out of stock, quantity must be made zero or "Out of Stock" line must be displayed while leaving items in cart

Actual Result:
1. Cart shows only some of the added items.
This behavior adds ambiguity as the user is not notified if the cart items have been removed or they have gone out of stock.

- **IOS Defect 3:** iOS app freezes when many items are added to cart

Preconditions:

1. Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. Add a lot of items to the cart. (More than 10 items)
2. Go to cart, all items added must be displayed.
3. Go back from cart and another item.
4. Now go to cart to see if item list is updated

Expected Result:

New item must be added to cart and next steps must be loaded for further purchase activity

Actual Result:

Cart remains in "Updating cart items state" and application freezes after a while resulting in heating of the phone.

This is a potential performance issue that may affect the phone in use itself.

Confirm Purchase

Your Cart

- 18K Diamond Accent Huggie Earrings: Gold
QTY 5 \$49.99 **\$8.99**
- Women's Ribbed Tanks (12-Pack): Large
QTY 1 \$129.99 **\$19.99**
- Women's Zodiac Sleep Tees: Aquarius/XXL/3XL
QTY 5 \$42.99 **\$19.99**
- Diamond Accent Owl Bracelet by Brilliant Diamond
QTY 1 \$24.99 **\$12.99**

By confirming the purchase, I agree to Groupon's Terms of Use and Privacy Statement.

Updating order details

Search Groupon **Near me** **16**

Goods **Things To Do** **Beauty & Spas**

White Mark Women's Plus Size Harem Pants

280+ Bought **\$59.99** **\$19.99**

Featured **Search** **Notifications 1** **My Stuff**

iOS / iOS-3
iOS app freezes when many items are added to cart

Edit **Comment** **Assign** **To Do** **In Progress** **Done** **Admin ▾**

Details

| | | | |
|-----------|--|-------------|---|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO <small>(View workflow)</small> |
| Priority: | <input checked="" type="checkbox"/> High | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | iOS Sprint 1 | | |

Description

Preconditions:
1. Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. Add a lot of items to the cart. (More than 10 items)
2. Go to cart, all items added must be displayed.
3. Go back from cart and another item.
4. Now go to cart to see if item list is updated

Expected Result:
New item must be added to cart and next steps must be loaded for further purchase activity

Actual Result:
Cart remains in "Updating cart items state" and application freezes after a while resulting in heating of the phone.

This is a potential performance issue that may effect the phone in use itself.

- **IOS Defect 4:** Card Details not populated accurately at Payment Methods

| | |
|--|--|
| <p>Steps to reproduce:</p> <p>Preconditions:</p> <p>1.Groupon app is installed on the iOS device and a user is logged in.</p> <p>Test Steps:</p> <ol style="list-style-type: none">1. On the app for Groupon, go to My Stuff and choose Payment Methods2. Click on Add Credit/Debit Card3. Click on scan your card | <p>Expected Result:</p> <p>Card details are populated accurately.</p> <p>Actual Result:</p> <p>16-digit number populated accurately, but expiry date of card is taken randomly.</p> <p>Screenshot not attached due to privacy requirements</p> |
|--|--|

 IOS / IOS-4

Card Details not populated accurately at Payment Methods

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> High | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | IOS Sprint 1 | | |

Description

Steps to reproduce:

Preconditions:

1.Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. On the app for Groupon, go to My Stuff and choose Payment Methods
2. Click on Add Credit/Debit Card
3. Click on scan your card

Expected Result:

Card details are populated accurately.

Actual Result:

16 digit number populated accurately, but expiry date of card is taken randomly.

Screenshot not attached due to privacy requirements

- **IOS Defect 5:** Count of filters not accurate when multiple filters are set

Steps to reproduce:

Preconditions:

1.Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

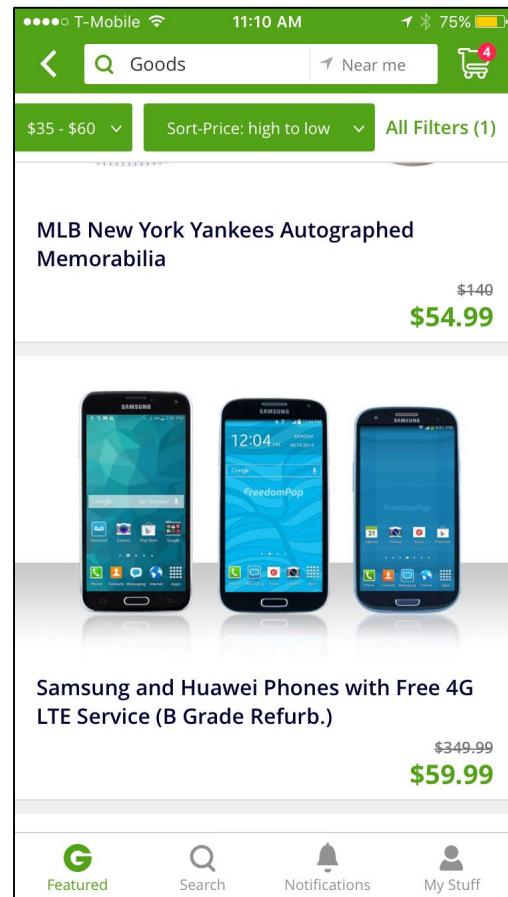
1. On the iOS app for Groupon, on home screen choose Goods tab
2. Once the results are displayed, select filters 35\$ to 60\$ for Price, and Sort by: high to low

Expected Result:

All Filters (2) must be shown in the specific tab.

Actual Result:

All Filters (1) is displayed.



IOS / IOS-5

Count of filters not accurate when multiple filters are set

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> Medium | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | IOS Sprint 1 | | |

Description

Steps to reproduce:

1.Groupon app is installed on the iOS device and a user is logged in.

Test Steps:

1. On the iOS app for Groupon, on home screen choose Goods tab
2. Once the results are displayed, select filters 35\$ to 60\$ for Price, and Sort by: high to low

Expected Result:

All Filters(2) must be shown in the specific tab.

Actual Result:

All Filters(1) is displayed.

- **Android Defect 1:** Customer support does not work as expected on Android 6.0 (Moto G2)

 Android / AN-1

Customer support does not work as expected on Android 6.0 (Moto G2)

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|---------------------------------------|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> High | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | AN Sprint 1 | | |

Description

reconditions:
1.Groupon app is installed on the Android device and a user is logged in.

Test Steps:
1. On the app Groupon, on home screen click on the side nav menu.
2. Click on Customer support

Expected Result:
Customer Support screen and related content must be displayed.

Actual Result:
Empty screen is displayed instead of customer support options.



- **Android Defect 2:** When excessive items are added to cart, server error is thrown.

 Android / AN-2

When excessive items are added to cart, server error is thrown.

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|---------------------------------------|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> Medium | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | AN Sprint 1 | | |

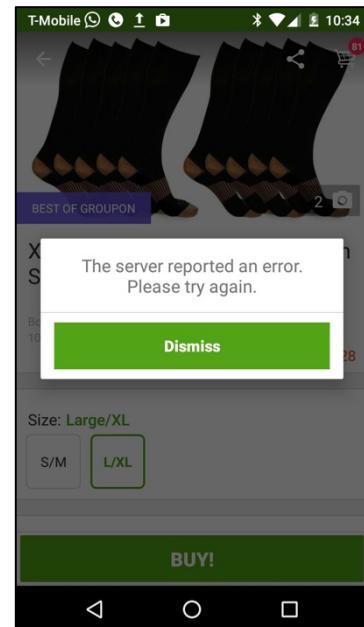
Description

Preconditions:
1.Groupon app is installed on the Android device and a user is logged in.

Test Steps:
1. On the Groupon app, add lots of items to cart
2.15 items is the maximum unique items that can be added
3. Go back and shop for another item and add it to cart.

Expected Result:
App must state maximum no of items that can be bought must be less than or equal to 15 unique items.

Actual Result:
When you add another item to cart, app throws a server error.



- **Android Defect 3:** Inaccurate sorting results when you search for an item

 Android / AN-3

Inaccurate sorting results when you search for an item

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> Medium | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | AN Sprint 1 | | |

Description

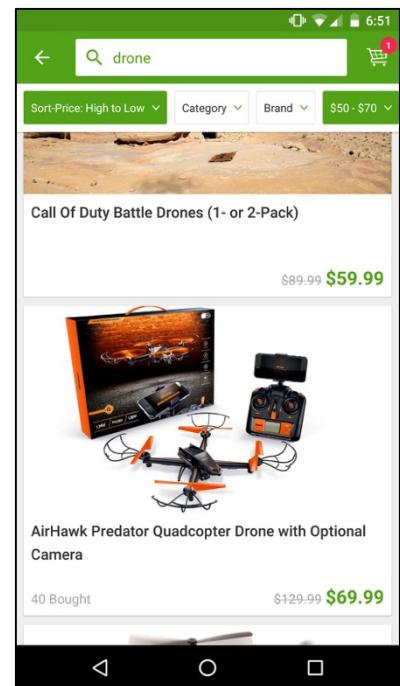
Steps to reproduce:

Preconditions:
1.Groupon app is installed on the Android device and a user is logged in.

Test Steps:
1. On the app for Groupon, on home screen search for an item 'drone'
2. Once the results are displayed, select filters 50\$ to 70\$ for Price, and Sort by: high to low

Expected Result:
All goods under this filtered price range category must be displayed from price range high to low.

Actual Result:
Sorting is not done accurately



- **Android Defect 4:** Previous Card details not cleared, when new card is scanned

 Android / AN-4

Previous Card details not cleared,when new card is scanned

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Done](#) [Admin](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> High | Resolution: | Unresolved |
| Labels: | None | | |
| Sprint: | AN Sprint 1 | | |

Description

Steps to reproduce:

Preconditions:
1.Groupon app is installed on the Android device and a user is logged in.

Test Steps:
1. On the app for Groupon, go to nav menu and choose Payment Method option
2. Click on Add Credit/Debit Card
3. Click on scan your card

Expected Result:
Previous Card details are cleared and new card details are populated.

Actual Result:
Previous 16 digit number cleared and new 16 digit number scanned, but expiry date of old card is not cleared.

Screenshot not attached due to privacy requirements

Screenshot not included for privacy requirements

- **Web Defect 1:** All dropdown options do not work in Getaway deals

 GrWeb / GRWEB-1

All dropdown options do not work in Getaway deals

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> High | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:

Preconditions:

1. Open browser and open groupon.com

Test Steps:

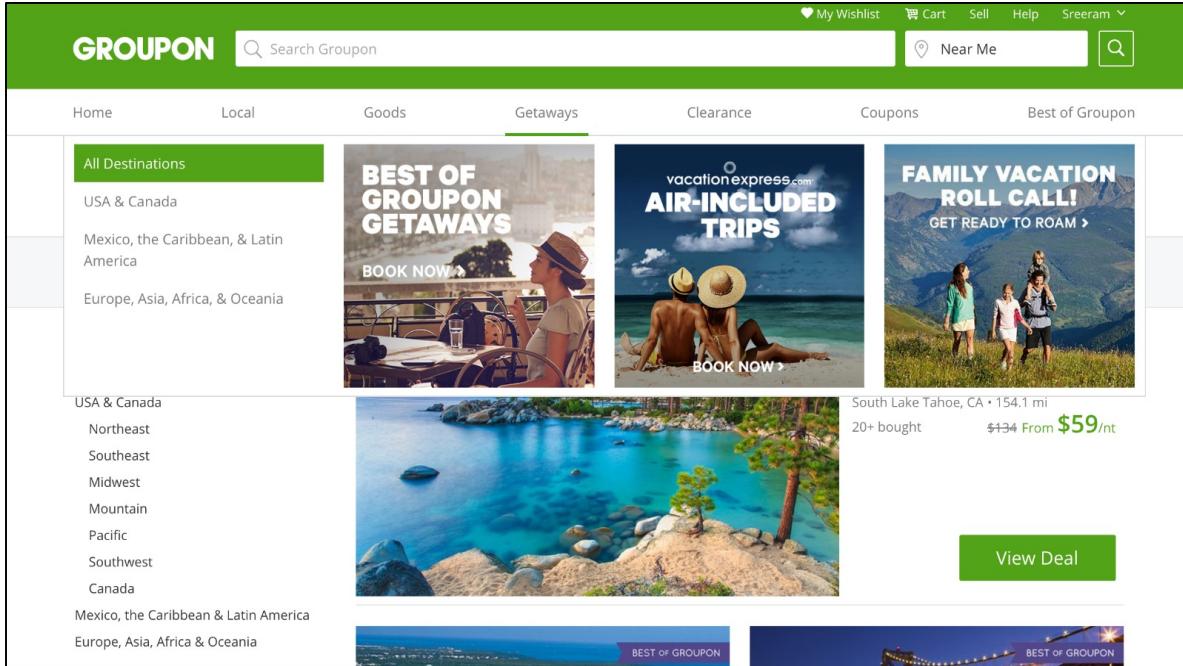
1. Click on Getaways on homepage
2. On Getaways page, hover on Getaways
3. Click on different Getaway options on the left of the popup

Expected Result:

All hyperlinks must navigate to appropriate web pages

Actual Result:

All getaway options presented as hyperlinks displayed on left of the appeared popup do not work



The screenshot shows the Groupon homepage with a green header bar. In the top right corner, there are links for "My Wishlist", "Cart", "Sell", "Help", and a user account named "Sreeram". Below the header, there's a search bar with the placeholder "Search Groupon" and a "Near Me" button.

The main navigation menu includes "Home", "Local", "Goods", "Getaways" (which is underlined), "Clearance", "Coupons", and "Best of Groupon".

On the left side, there's a sidebar with a green header "All Destinations". It lists categories: "USA & Canada", "Mexico, the Caribbean, & Latin America", "Europe, Asia, Africa, & Oceania", and "USA & Canada" again with sub-categories: "Northeast", "Southeast", "Midwest", "Mountain", "Pacific", "Southwest", "Canada", "Mexico, the Caribbean & Latin America", and "Europe, Asia, Africa & Oceania".

The central content area features three large promotional banners:

- BEST OF Groupon GETAWAYS**: An image of a couple at a beachside cafe. Text: "BOOK NOW".
- vacationexpress.com AIR-INCLUDED TRIPS**: An image of a couple sunbathing on a beach. Text: "BOOK NOW".
- FAMILY VACATION ROLL CALL!**: An image of a family walking in a mountainous landscape. Text: "GET READY TO ROAM".

Below these banners, there's a large image of a scenic lake with turquoise water and a rocky shoreline. Text on the image: "South Lake Tahoe, CA • 154.1 mi", "20+ bought", and "\$134 From \$59/nt". A "View Deal" button is located below this image.

At the bottom of the page, there are two smaller "BEST OF Groupon" banners.

- **Web Defect 2:** Groupon careers page goes to unexpected page when opened from Google Search

 GrWeb / GRWEB-2

Groupon careers page goes to unexpected page when opened from Google Search

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

| | | |
|--|---|-----------|
| Details | People | |
| Type: Bug | Status: TO DO (View workflow) | Assignee: |
| Priority: Medium | Resolution: Unresolved | Reporter: |
| Labels: None | | Votes: |
| | | Watchers: |
| Description | Dates | |
| Steps to reproduce: | Created: | |
| Preconditions: | Updated: | |
| 1. Open Browser and open google.com | | |
| Test Steps: | | |
| 1. Search for the term "Groupon Careers" on google.com | | |
| 2. Click on "Groupon Jobs" In the first search result | | |
| Expected Result: | Agile | |
| Groupon careers page is loaded | View on Board | |
| Actual Result: | HipChat discussi | |
| Some expired job page is loaded. | Do you want to d | |

Google search results for "groupon careers".

- Groupon Careers** (https://jobs.groupon.com/)
- Groupon Jobs** (https://www.glassdoor.com/Jobs/Groupon-Jobs-E301291.htm)
- Groupon Jobs in Chicago, IL** (https://www.glassdoor.com/Jobs/Chicago)



Sorry, this job is no longer open

Manager of Pricing - Groupon Goods
Buying and Supply Chain | Groupon Goods
Requisition ID: 12038

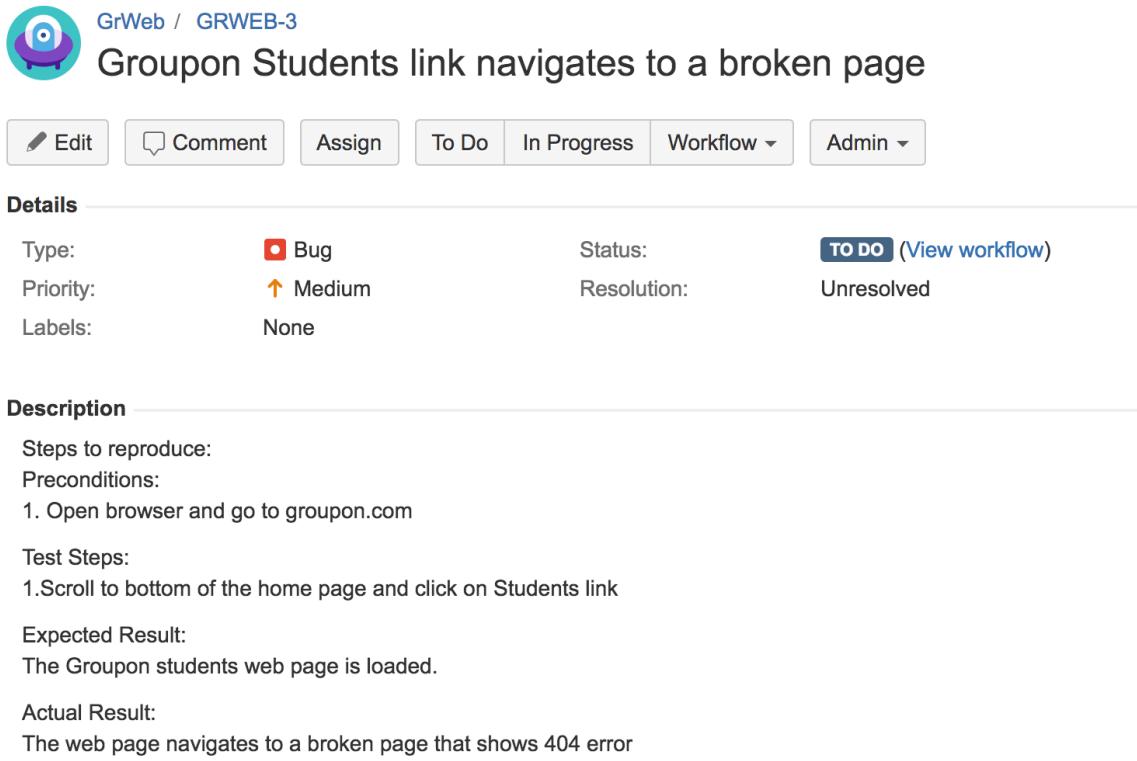
The Pricing Manager will be responsible for implementing strategic pricing plans for Groupon Goods. This will include partnering with merchandising, finance and marketing to understand customer purchase behavior specific to their product categories and implement the appropriate pricing strategy. The PM will also be responsible for measuring the impact of these strategies and driving a continuous improvement cadence. This individual will be strong on analytics, have financial acumen especially in a retail context and possess great collaborative skills to lead across functions to drive strong financial results.

Responsibilities:

- Partner with Buyers, Marketing and Finance to ensure a shared understanding of customer shopping behaviors, category strategies, financial and marketing levers as well as any other key business drivers as input to pricing strategy.
- Continually evaluate competitors and marketplace dynamics to assess the impact on Groupon Goods' business and develop data driven pricing strategy and process recommendations
- Define, analyze and review with stakeholders key business metrics (e.g. sales, share, value perception, margin,



- **Web Defect 3:** Groupon Students link navigates to a broken page



GrWeb / GRWEB-3

Groupon Students link navigates to a broken page

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> Medium | Resolution: | Unresolved |
| Labels: | None | | |

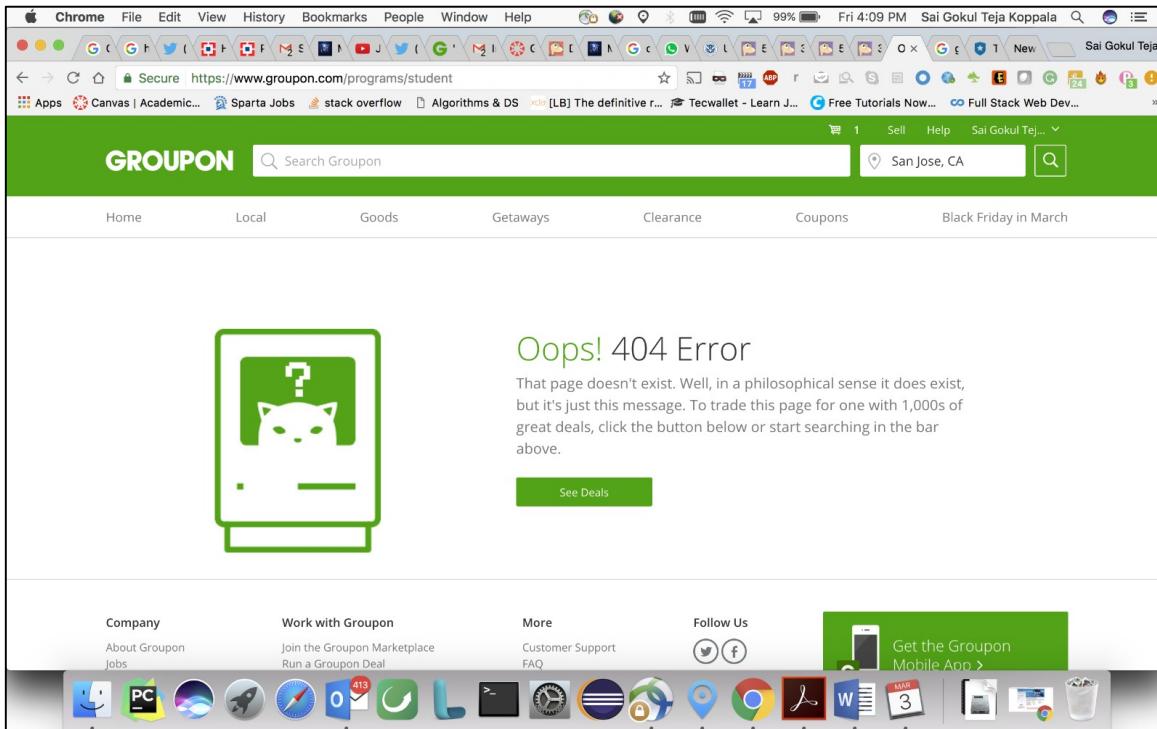
Description

Steps to reproduce:
Preconditions:
 1. Open browser and go to groupon.com

Test Steps:
 1. Scroll to bottom of the home page and click on Students link

Expected Result:
 The Groupon students web page is loaded.

Actual Result:
 The web page navigates to a broken page that shows 404 error



- **Web Defect 4:** When special character string is used as a search string, random results are returned

 GrWeb / GRWEB-4

When special character string is used as a search string, random results are returned

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

| Details | | People | |
|---|--------|-------------|--|
| Type: | Bug | Status: | TO DO (View workflow) |
| Priority: | Medium | Resolution: | Unresolved |
| Labels: | None | Assignee: | |
| | | Reporter: | |
| | | Votes: | |
| | | Watchers: | |
| Description | | Dates | |
| Steps to reproduce: | | Created: | |
| Preconditions: | | Updated: | |
| 1. Open browser and load groupon.com | | | |
| Test Results: | | | |
| 1. In the search bar, type a special character string such as ",,,<>//" | | | |
| Expected Result: | | | |
| Since its an illegal expression, "No results found" is expected. | | | |
| Actual Result: | | | |
| Random deals and goods results are displayed. | | | |

[View on Board](#)

G ;;;/<> | Groupon

GROUPON [Near Me](#)

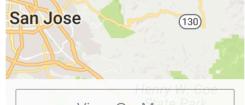
Home Local Goods Getaways Clearance Coupons Best of Groupon

\$5 OFF \$20 | \$10 OFF \$40 | \$15 OFF \$60 | \$30 OFF \$100 [USE CODE OFF](#)

LAST DAY! Massages • Things to Do • Restaurants • More

Valid on 1 Local unit per transaction; max 3 uses total per customer. Exclusive and non transferable. Ends 3/26. Exclusions apply, details gr.pn/promofaq

results for ';;;/<>' Sort by Relevance


View On Map


TRENDING

Up to 74% Off at Bikram Yoga Morgan Hill
Work up a sweat in these challenging, rejuvenating yoga and Hot Pilates classes

Multiple Locations • 1.4 mi
360+ bought \$150 **\$39** [View Deal](#)

Local

Retail (3221)
Personal Services (1679)
Health & Fitness (566)
Things To Do (533)




- **Web Defect 5:** Invalid location causes weird behavior

GrWeb / GRWEB-5

Invalid location causes weird behavior

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|--|-------------|--|
| Type: | <input checked="" type="checkbox"/> Bug | Status: | TO DO (View workflow) |
| Priority: | <input checked="" type="checkbox"/> Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:

1. Open the browser and go to groupon.com

Test Steps:

1. In the location form field, give a location outside USA. Invalid location error is shown
2. Now search for an item such as 'Pens'
3. Try to clear the invalid location and search again

Expected Result:

Location field form is cleared and search is then performed

Actual Result:

Location field remains in error state and doesn't allow to clear invalid input

Chrome File Edit View History Bookmarks People Window Help 81% Sun 9:41 PM

Secure https://www.groupon.com

GROUPON Pens

Hyderabad

Last Day! \$5 OFF \$20 | \$10 OFF \$40 | \$15 OFF \$60 | \$30 OFF \$100

Valid on 1 Local unit per transaction; max 3 uses total per customer. Exclusive and non transferable. Ends 3/28. Exclusions apply, details gr.pn/promofaq

Things To Do 483

Beauty & Spas 481

Food & Drink 299

Electronics 2307

Travel 730

Health & Fitness 548

Automotive 76

BEST OF Groupon Paint Nite

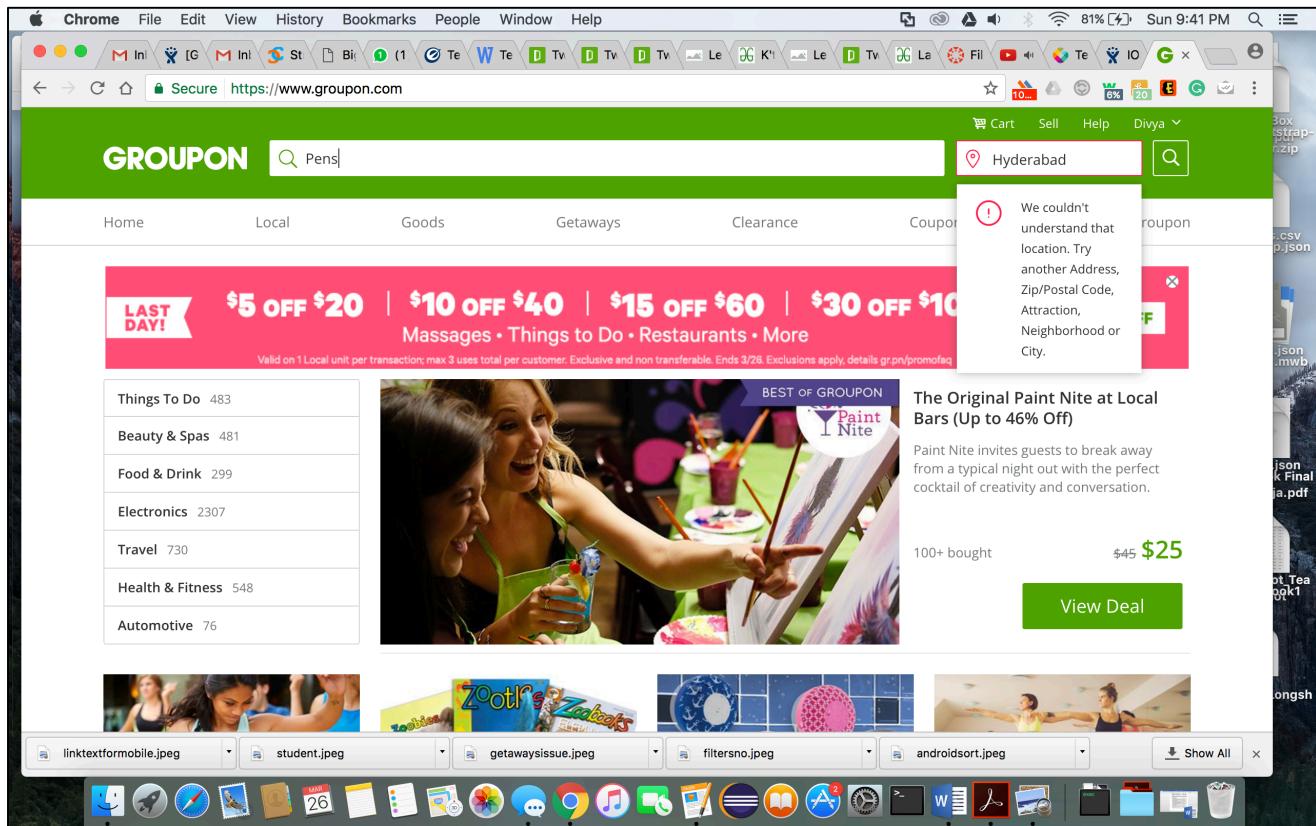
The Original Paint Nite at Local Bars (Up to 46% Off)

Paint Nite invites guests to break away from a typical night out with the perfect cocktail of creativity and conversation.

100+ bought \$45 \$25

[View Deal](#)

linktextformobile.jpeg student.jpeg getawaysissue.jpeg filtersno.jpeg androidsort.jpeg Show All



Chrome File Edit View History Bookmarks People Window Help 81% Sun 9:40 PM

Secure https://www.groupon.com

GROUPON Search Groupon

Hyderabad

Last Day! \$5 OFF \$20 | \$10 OFF \$40 | \$15 OFF \$60 | \$30 OFF \$100

Valid on 1 Local unit per transaction; max 3 uses total per customer. Exclusive and non transferable. Ends 3/28. Exclusions apply, details gr.pn/promofaq

USE CODE OFF

Things To Do 483

Beauty & Spas 481

Food & Drink 299

Electronics 2307

Travel 730

Health & Fitness 548

Automotive 76

BEST OF Groupon Paint Nite

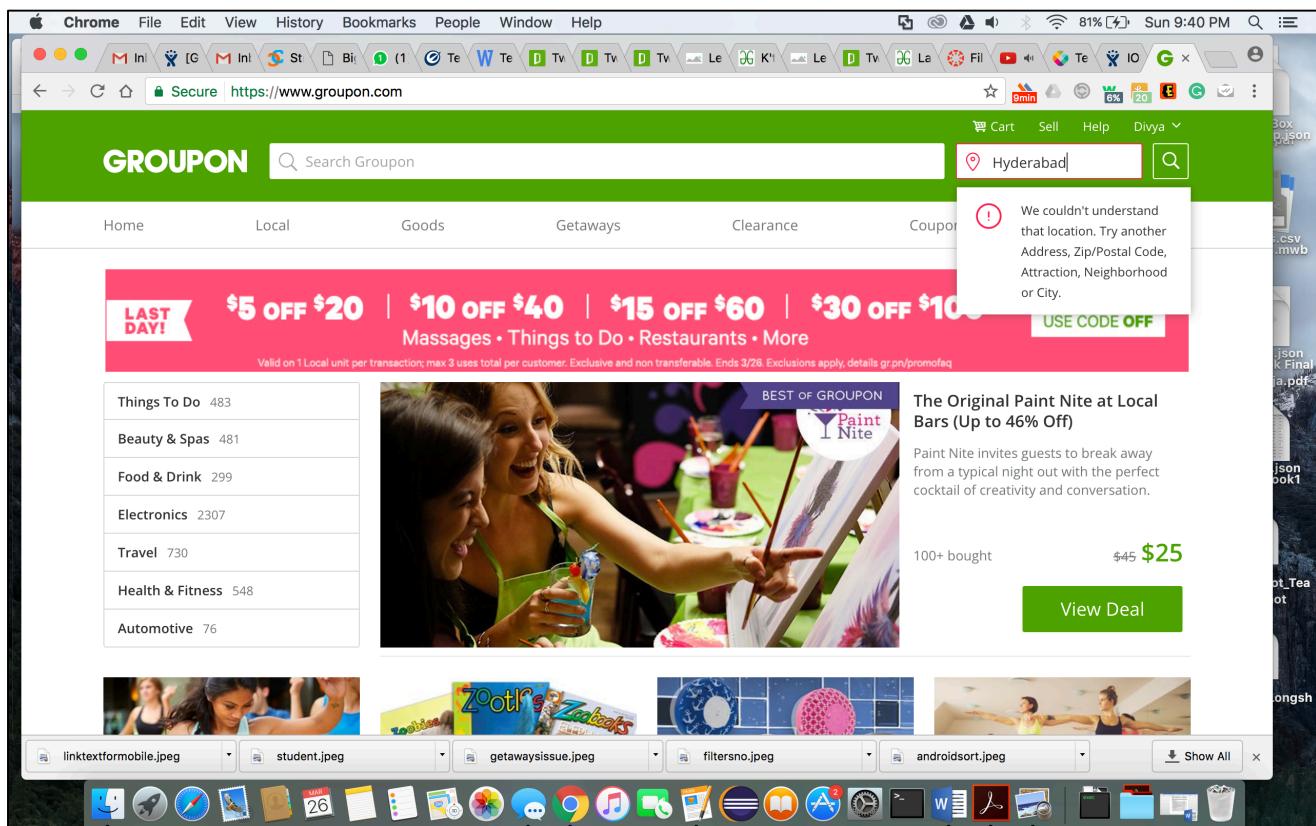
The Original Paint Nite at Local Bars (Up to 46% Off)

Paint Nite invites guests to break away from a typical night out with the perfect cocktail of creativity and conversation.

100+ bought \$45 \$25

[View Deal](#)

linktextformobile.jpeg student.jpeg getawaysissue.jpeg filtersno.jpeg androidsort.jpeg Show All



- Improvements
 - Web Improvements
 - a. Web Improvement 1:

 GrWeb / GRWEB-6

No direct groupon website link when you navigate to investor page

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

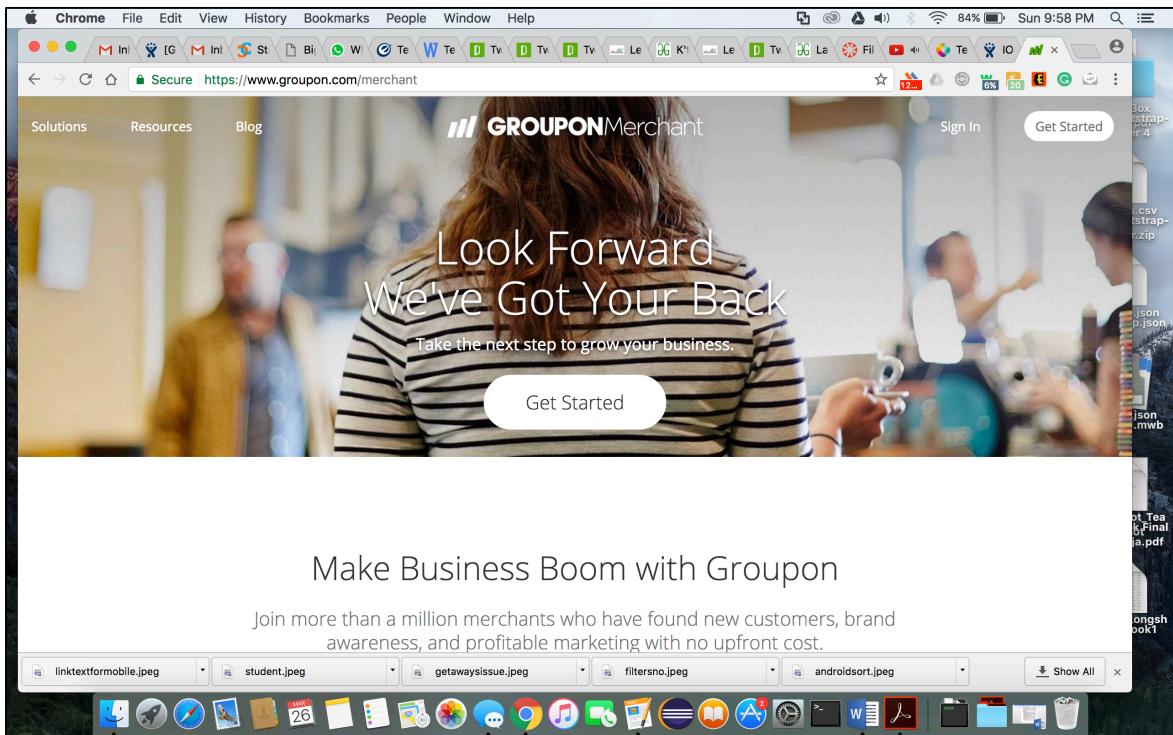
Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:
 Preconditions:
 1. Open browser and open groupon.com
 Test Steps:
 1. Go to the groupon page bottom and click on Learn about Groupon Merchant
 2. Groupon Merchant page is loaded

Improvement Suggestion
 As a good practice, there should be a Groupon Home button, that would take the user back to Groupon home page.
 The only way to go back to Groupon Home is to click the Browser back button now.



b. Web Improvement 2:

GrWeb / GRWEB-7

Send app link for installation doesn't confirm phone number

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|--------------------------|-------------|--|
| Type: | Improvement | Status: | TO DO (View workflow) |
| Priority: | Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:

Preconditions:

1. Open browser and go to groupon.com

Test Steps:

1. Go to download app page
2. In the pop up for enter phone number to send app download link, give a phone number

Improvement Suggestion:

This feature does not send an OTP to confirm user's mobile number nor does it have any limit of attempts to send the link. This can cause a spamming problem

Download the free app now!

Enter your 10-digit US mobile number and we'll send a download link directly to your phone:



Send Link

Please specify a valid phone number or try again later.

c. Web Improvement 3:

GrWeb / GRWEB-8

Forgot Password doesnot check if user is registered or no

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|--------------------------|-------------|--|
| Type: | Improvement | Status: | TO DO (View workflow) |
| Priority: | Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:

Preconditions:

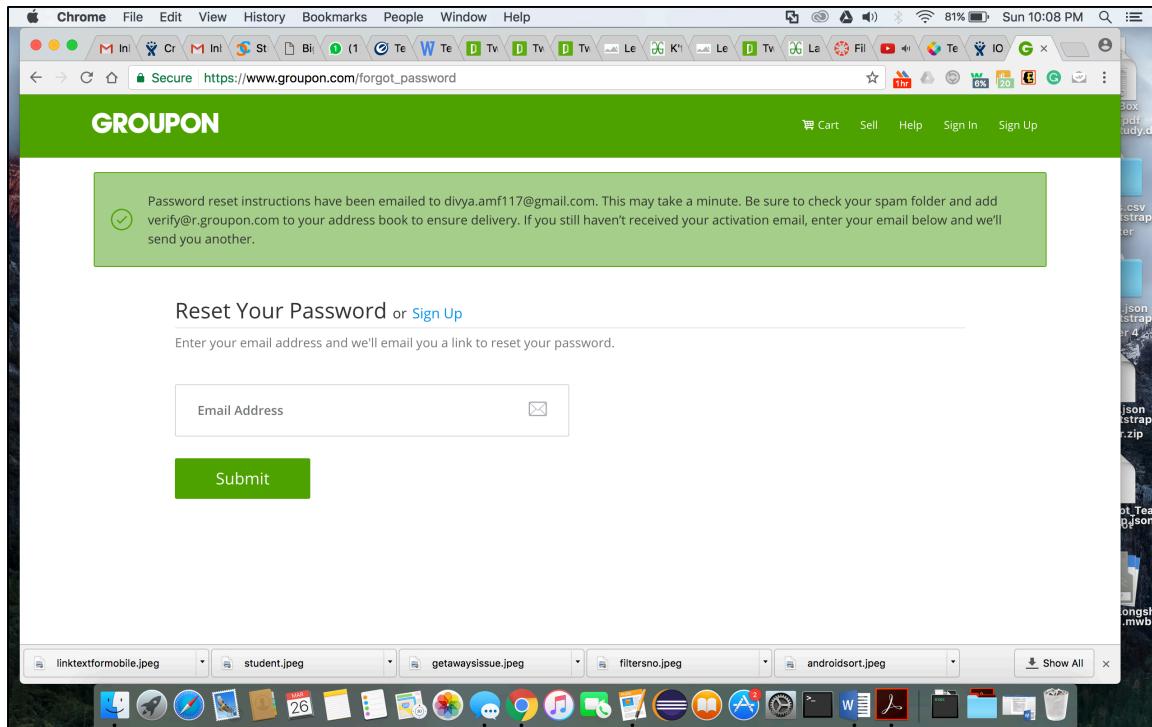
1. Open browser and go to groupon.com

Test Steps:

1. Go to Sign in link
2. Click on Forgot Password

Improvement:

This feature does not verify if the user email is really registered with groupon or not.



- Android Improvements
- a. Android Improvement 1:

 GrAnd / GRAN-5

Card Data population can have name as well

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:
Preconditions:
1.Groupon app is installed on the Android device and a user is logged in.
Test Steps:
1. On the app for Groupon, go to nav menu and choose Payment Method option
2. Click on Add Credit/Debit Card
3. Click on scan your card

Improvement Suggestion:
Only card number is populated, it would be good to populate both name and card number.

- b. Android Improvement 2:

 GrAnd / GRAN-6

Google Translate support for Android application

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Since Android and Google Translate come from the parent organization, it would help in using different languages in the app if Google translate is integrated

c. Android Improvement 3:

 GrAnd / GRAN-7

Counterfeit products sold many times

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Many times, we see that there are counterfeit items sold such as MKF Bags instead of the MK brand bags which leads the user to be misled.

It is a matter of trust for the user about the groupon application.

- o IOS Improvements
- a. IOS Improvement 1:

 GriOS / GRIOS-6

At Checkout, Payment Confirmation is not available

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:
 Preconditions:
 1.Groupon app is installed on the iOS device and a user is logged in.
 Test Steps
 1. Add Credit card
 2. Add item to cart

Improvement Suggestion:
 At this point, payment confirmation is not asked for the user, which leaves no scope for user in case the purchase was done in a haste or if the security of the phone was compromised.

- b. IOS Improvement 2:

 GriOS / GRIOS-7

Invite friends can be more specific

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|---|-------------|--|
| Type: |  Improvement | Status: | TO DO (View workflow) |
| Priority: |  Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Steps to reproduce:
 Preconditions:
 1.Groupon app is installed on the iOS device and a user is logged in.
 Test Steps:
 1. In the nav menu for invite friends only a couple of options such as Twitter or Facebook are shown.

Improvement Suggestion:
 Since there's a plethora of social media sites these days, it would be good to provide more options

c. IOS Improvement 3:

GriOS / GRIOS-8

Number of notifications is not accurate sometimes.

[Edit](#) [Comment](#) [Assign](#) [To Do](#) [In Progress](#) [Workflow ▾](#) [Admin ▾](#)

Details

| | | | |
|-----------|----------------------------|-------------|--|
| Type: | ⬆ Improvement | Status: | TO DO (View workflow) |
| Priority: | ⬆ Medium | Resolution: | Unresolved |
| Labels: | None | | |

Description

Many a times, the number of notifications shown on the thumbnail of the app donot match the number of notifications inside the app's notification tab.

It would be good to sync both up

4. Test Schedules and Deliverables

The following lists each of the phases of testing and the time spent working on those sections.

| Phase | Date |
|--|---------------|
| Team Formation | March 1 |
| Discussing Project options | March 2 |
| Test Planning | March 8 |
| Test Analysis | March 15 |
| Test Design | March 18 |
| Implementation | March 18 - 22 |
| Execution | March 18 - 22 |
| Evaluating exit criteria and reporting | March 22 - 26 |

The following lists all the deliverables for testing GroupOn.

- Jira projects for Web, IOS and Android versions of GroupOn
 - 3 defects for each platform
 - 3 improvements for each platform
- TestRail test suites for Web, IOS and Android version of GroupOn
 - Test Components
- Test Project Report that contains the following:
 - Test Plan
 - Test Scope
 - Test Schedules
 - Test Summary
 - Test Results

5. Test Summary

GroupOn is a well-established ecommerce website that is available on various platforms and mediums. The test cases for this project are based off of the components chosen from exploring GroupOn and the standards that every ecommerce website holds true. Having said that, any big product does have its flaws if you know where to look. In that context, apart from sticking to the standards and guidelines of testing, a good practice that we should employ is keeping in mind certain factors while performing testing. Also, choosing good metrics for testing will help give a clearer view on how much time does the participant exactly used to complete all tasks, since user usually do not remember precisely about how much time they took to complete the testing.

The following table lists all the factors considered that are associated with Home Page, Category Page and Product Page.

| | Home Page | Category Page | Product Page |
|------------------------------------|--|--|--|
| Primary and Secondary Goals | -- Searches Submitted -- Search Bar -- Location Search Bar -- Support Links -- Social Media Links -- Miscellaneous Links -- Navigation | -- Filter Use -- Searches -- Date Ranges -- Navigation -- Social Media Links -- Miscellaneous Links | -- Add to cart -- Quantity Selection -- More Info -- Tabs -- Navigation -- Social Media Links -- Miscellaneous Links |

The following table lists all the factors considered that are associated with Shopping Cart, Checkout Page and Payment Page.

| | Shopping Cart | Checkout Page | Payment Page |
|------------------------------------|--|---|---|
| Primary and Secondary Goals | -- Checkout reviews -- Links and Navigation | -- Check out steps -- Payment reviews -- Back Button -- Links and Navigation -- Edit address info | -- Payment types -- Links and Navigation -- Back Button |

6. Test Results/Graphs

Test Results for the Web application:

| Home Component (6) [100%] | | |
|--|---|--|
| This component contains the test cases for the search module of the Groupon web application. | | |
| ID | Title | Assigned To |
| T37 | Visibility of users current location | Sai S. Passed - |
| T42 | Search Results have to be relevant to the location and keywords/phrases | Sai S. Passed - |
| T46 | Click on links on the rendered page navigates to related pages | Sai S. Passed - |
| T45 | User enters only special characters in search box | Sai S. Passed - |
| T47 | Users ability to sorts the search results by Relevance, Distance, Price | Sai S. Passed - |
| T119 | Dropdown options in Getaway delays | Sai S. Failed - |

| User Component (5) [100%] | | |
|--|---|--|
| This component contains the test cases regarding the users profile and account information in the Groupon Web application. | | |
| ID | Title | Assigned To |
| T39 | Ability of User to SignUp with GroupOn | Sai S. Passed - |
| T40 | Existing Users ability to SignIn using GroupOn credentials and add User profile | Sai S. Passed - |
| T41 | Users ability to SignIn using Facebook and Google credentials | Sai S. Passed - |
| T43 | Guest Users ability to add items to cart and shop at GroupOn | Sai S. Passed - |
| T44 | Existing users ability to edit profile such as Password and payment details | Sai S. Passed - |

| Shopping Cart Consistent Component (5) [100%] | | |
|---|---|--|
| This component contains the test cases regarding the add to cart ,update and delete items from cart as well as buying the product in the Groupon web application. | | |
| ID | Title | Assigned To |
| T105 | Click on an item in the cart | Sai S. Passed - |
| T30 | If the user adds the same item to the cart while continuing to shop, the item count in the shopping cart should get incremented | Sai S. Passed - |
| T31 | All items and their count and total amount should be displayed in the cart | Sai S. Passed - |
| T33 | Update the contents quantity in the cart- total amount should reflect that too | Sai S. Passed - |
| T36 | Don't check out, close the site and come back later. The site should retain the items in the cart | Sai S. Passed - |

Test Results for the Android application:

| Navigation Menu in Android App (5) [100%] | | |
|--|---|--|
| This component contains the test cases regarding the users' profile and account information in the Groupon Android application | | |
| ID | Title | Assigned To |
| T67 | User clicks on Navigation Menu | Sai S. Passed - |
| T75 | User Navigates to My Wish list page | Sai S. Passed - |
| T79 | Users ability to Edit the payment details | Sai S. Passed - |
| T81 | Users ability to add payment details using phone camera | Sai S. Passed - |
| T83 | Users ability to Navigate to Deal Preferences | Sai S. Passed - |

| Search Component (5) [100%] | | |
|--|---|--|
| This component contains the test cases for the search module of the Groupon Android application. | | |
| ID | Title | Assigned To |
| T65 | User ability to swipes left/right to see different categories | Sai S. Passed - |
| T69 | Ability to filter searched products based on distance | Sai S. Passed - |
| T71 | Ability to user to reset filters which are applied. | Sai S. Passed - |
| T73 | Multiple Filter selection and sort on the filtered results | Sai S. Failed - |
| T77 | nearby deals needs to be marked on a map | Sai S. Passed - |

| Coupon Codes and Sync in the platforms Component (5) [100%] | | |
|---|--|--|
| The coupon codes entered and the items in the cart and the amount in the cart should remain consistent in different platforms | | |
| ID | Title | Assigned To |
| T34 | Remove items from the Android app cart | Sai S. Passed - |
| T35 | The items in the cart should reflect in different platforms i.e. Android app and Web application | Sai S. Passed - |
| T107 | A user adding multiple coupons should update the amount with latest coupon code | Sai S. Passed - |
| T29 | Add Item to the cart and continue shopping in the mobile app | Sai S. Passed - |
| T32 | A user can add more items to the cart- total should reflect the same | Sai S. Failed - |

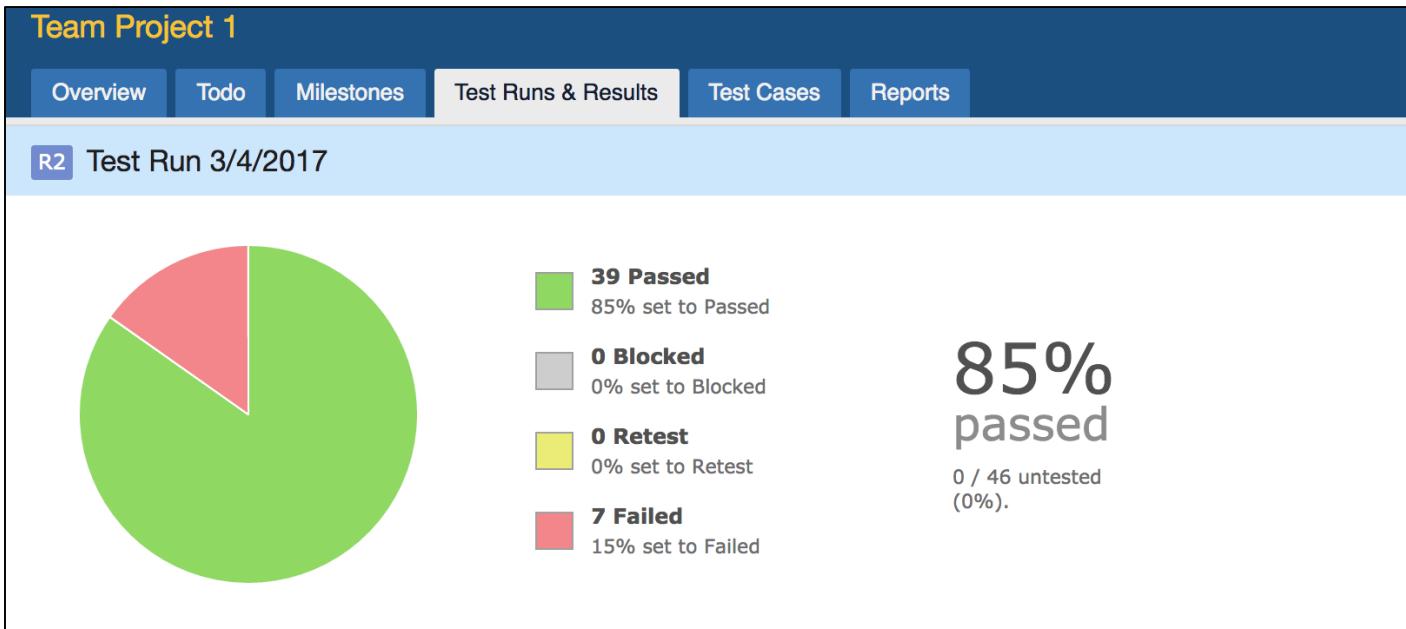
Test Results for the IOS Application:

| Restaurant Details (5) [95%] | | | |
|---|---|-------------|----------|
| This component contains the test cases regarding the users' profile and account information in the Groupon iOS application. | | | |
| ID | Title | Assigned To | Status |
| T85 | User able to view ratings of nearby restaurants | Sai S. | Passed - |
| T89 | User redirected to the menu page of each restaurant | Sai S. | Passed - |
| T91 | User able to view directions to the restaurant from the restaurant details page | Sai S. | Passed - |
| T95 | Guest Users ability to add credit/debit card details using phone camera | Sai S. | Failed - |
| T99 | User able to make a call to the restaurant from the restaurant details page | Sai S. | Passed - |

| Filter Component (5) [95%] | | | |
|--|--|-------------|----------|
| This component contains the test cases for the search module of the Groupon iOS application. | | | |
| ID | Title | Assigned To | Status |
| T87 | ability to user to filter reviews based on the keywords displayed | Sai S. | Passed - |
| T93 | Filter best of groupon with more than 1 filters | Sai S. | Failed - |
| T97 | Allowing the user to share product details on social media sites | Sai S. | Passed - |
| T101 | Ability for user to sort products based on price after applying price range filter | Sai S. | Failed - |
| T103 | allow user to see the image of the product/deal in full screen | Sai S. | Passed - |

| Shopping Cart Component (5) [95%] | | | |
|--|--|-------------|----------|
| This component contains the test cases regarding the add to cart, update and delete items from cart as well as buying the product in the Groupon iOS application | | | |
| ID | Title | Assigned To | Status |
| T109 | The items in the cart and the count in the header should remain consistent even after several days | Sai S. | Failed - |
| T111 | After successful check out, make sure cart is empty | Sai S. | Passed - |
| T113 | for the Out of Stock Items - Add to cart should be disabled | Sai S. | Passed - |
| T115 | My gopoulos should be updated after successful purchase | Sai S. | Passed - |
| T117 | When the cart is empty the user clicks on the cart, the user should be shown a link to continue shopping | Sai S. | Passed - |

Graphs associated with the above shown tests:



7. Team Members

| Name | Role | Responsibilities |
|--|--------------------|---|
| Adithya .K .L .N 009306752 | Team Tester (Lead) | Design, Planning, Testing (Web, Android), Jira/Testrail account creation, Navigation component based testing Defects / Improvements |
| Divya Chakkilam 010717226 | Team Tester | Design, Planning, Testing (Web, IOS, Android), Product component based testing Defects / Improvements |
| Sai Gokul Teja Koppala 010690069 | Team Tester | Design, Planning, Testing (Web, IOS, Android), Search component based testing Defects / Improvements |
| Sai Sravanth Kambhampati 010693501 | Team Tester | Design, Planning, Testing (Web, Android) Social and Support links based testing Payment component based testing Defects / Improvements |
| Sreeram Muddu 010691304 | Team Tester | Design, Planning, Testing (Web, Android), Cart component based testing Defects / Improvements |

8. Conclusion

As part of test closure activities our team has conducted retrospective activities where we have discussed about what went well, what practices can be carried on toward further projects and what approaches need to be improved.

Testing GroupOn was a very reactive way of testing products. Since the website is already well established and has been in place for quite some time now, planning and designing the test cases based on components was quite a challenge. GroupOn is a well-established ecommerce website that is available on various platforms and

mediums. The test cases for this project are based off of the components chosen from exploring GroupOn and the standards that every ecommerce website holds true.