

Test Script for UA IssueTracker

All manual testing for the application can be found in this document. All pages are tested, they are named below.

Pages:

Home – '/'

Register – '/accounts/register'

Login – '/accounts/login'

Dashboard – '/accounts/dashboard'

Reset Password – '/accounts/reset-password'

Profile – '/accounts/profile'

Add Feature – '/tickets/features/new'

Feature – '/tickets/features/<id>'

Checkout – '/checkout/<id>'

Add Bug – '/tickets/bugs/new'

Bug – '/tickets/bugs/<id>'

News – '/blog/all'

Add Article – '/blog/add'

Article – '/blog/<id>'

Edit Article - '/blog/edit/<id>'

About – '/about'

Statistics – '/statistics'

Contact – '/contact'

Help - '/help'

Home

Action	Expected Result(s) (Unauthenticated)	Expected Result(s) (Authenticated)	Actual Result(s)
Click 'New Ticket'	Drop down menu with two options, new bug and new feature.	Drop down menu with two options, new bug and new feature.	As expected
Click 'About'	Drop down menu with Latest News, What Is..., Statistics, Contact, Help	Drop down menu with Latest News, What Is..., Statistics, Contact, Help	As expected
Click 'Login/Register'	Taken to Login page	N/A	As expected
Click 'Bugs' tab	View switches to list of bugs and list of features should be no longer visible	View switches to list of bugs and list of features should be no longer visible	As expected
Click 'Features' tab	View switches to list of features and list of bugs should be no longer visible	View switches to list of features and list of bugs should be no longer visible	As expected
Click 'Open' on a Feature in the list	Redirected to login page	Taken to Feature page for that feature	As expected
Click 'Open' on a Bug in the list	Redirected to login page	Taken to Bug page for that bug	As expected
Click 'New Ticket' > 'Report A Bug'	Redirected to login page	Taken to Add Bug page	As expected
Click 'New Ticket' > 'Suggest a New Feature'	Redirected to login page	Taken to Add Feature page	As expected
(Features) Select 'Awaiting Quote' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'Awaiting Funds' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'In Progress' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected

(Features) Select 'Implemented' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'All Open Tickets' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) click # to order by ID	Tickets should be ordered by ID	Tickets should be ordered by ID	As expected
(Features) click # again	Tickets should be ordered by ID in the opposite order	Tickets should be ordered by ID in the opposite order	As expected
(Features) click the customer heading to order by Customer	Tickets should be ordered by Customer	Tickets should be ordered by Customer	As expected
(Features) Click customer heading again	Tickets should be ordered by Customer in the opposite order	Tickets should be ordered by Customer in the opposite order	As expected
(Features) click the title heading to order by Title	Tickets should be ordered by Title	Tickets should be ordered by Title	As expected
(Features) click title heading again	Tickets should be ordered by Title in the opposite order	Tickets should be ordered by Title in the opposite order	As expected
(Features) click Last Updated heading to order by Last Update	Tickets should be ordered by Last Update	Tickets should be ordered by Last Update	As expected
(Features) click Last Update heading again	Tickets should be ordered by Last Update in the opposite order	Tickets should be ordered by Last Update in the opposite order	As expected
(Features) Click Status heading to order by Status	Tickets should be ordered by Status	Tickets should be ordered by Status	As expected
(Features) Click status heading again	Tickets should be ordered by Status in the opposite order	Tickets should be ordered by Status in the opposite order	As expected
(Bugs) Select 'Pending' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'Awaiting Customer' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination	As expected

		effective on results	
(Bugs) Select 'In Progress' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'Fixed' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'All Open Tickets' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Click # to order by ID	Tickets should be ordered by ID	Tickets should be ordered by ID	As expected
(Bugs) Click # again	Tickets should be ordered by ID in the opposite order	Tickets should be ordered by ID in the opposite order	As expected
(Bugs) Click Title to order by Title	Tickets should be ordered by Title	Tickets should be ordered by Title	As expected
(Bugs)Click title again	Tickets should be ordered by Title in the opposite order	Tickets should be ordered by Title in the opposite order	As expected
(Bugs) Click Last Updated to order by Last Updated	Tickets should be ordered by Last Update	Tickets should be ordered by Last Update	As expected
(Bugs) Click last updated again	Tickets should be ordered by Last Update in the opposite order	Tickets should be ordered by Last Update in the opposite order	As expected
(Bugs) Click Priority to order by priority	Tickets should be ordered by Priority alphabetically	Tickets should be ordered by Priority alphabetically	As expected
(Bugs)Click priority again	Ordered by priority in the opposite order	Ordered by priority in the opposite order	As expected
(Bugs) Click Status to order by status	Tickets should be ordered by Status	Tickets should be ordered by Status	As expected
(Bugs) click status again	Tickets should be ordered by Status in the opposite order	Tickets should be ordered by Status in the opposite order	As expected
Click username on navbar	Should not be available	Drop-down menu with options for	As expected

		Dashboard, Profile and Logout	
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Register

Action	Expected Result	Actual Result
Click 'What am I registering for?' link	Directed to Help page	As expected
Click 'Sign Up' without entering data	Form does not submit. Request to fill in blank fields.	As expected
Enter username and passwords and click 'Sign Up'	Form does not submit. Request to fill in blank fields.	Form submits without name or email. *NOW FIXED*
Complete all fields, enter invalid email without @ and click submit	Email validation raised and form not submitted	As expected
Complete all fields, put unmatching data in password fields	Password validation error	As expected
Complete all fields except first password field	Password validation error	As expected
Complete all fields except second password field	Password validation error	As expected
Complete all fields correctly	Form submits, user redirected to own dashboard with message 'Welcome {{ user }}! Your account has been created'	As expected
Try to return to register page after logging in	Redirected back to own dashboard	Taken back to registration page *NOW FIXED*

Login

Action	Expected Result	Actual Result
Try to access when authenticated	Message ('You are already logged in as {{ username }}') *Link to dashboard*	As expected
As above, click 'Link to Dashboard'	Taken to user dashboard	As expected
(After logging out) Enter username and click 'Login'	Error raised, form not submitted	As expected
Enter password without username and click 'Login'	Error raised, form not submitted	As expected
Enter incorrect username and correct password and click 'Login'	Error raised, form not submitted	As expected
Enter correct username and incorrect password and click 'Login'	Error raised, form not submitted	As expected
Click 'Sign Up'	Taken to Register page	As expected

Click 'Forgot Password'	Taken to Reset Password page	As expected
Enter correct details and click 'Login'	Form submitted, redirected to user dashboard	As expected

Dashboard

Action	Expected Result authenticated as Customer	Expected Result authenticated as Developer	Actual Result
Click 'Bugs' tab	View switches to list of bugs raised by the logged in user and list of features should be no longer visible	View switches to list of bugs assigned to the logged in user and list of features should be no longer visible	As expected
Click 'Features' tab	View switches to list of features suggested by the logged in user and list of bugs should be no longer visible	View switches to list of features assigned to the logged in user and list of bugs should be no longer visible	As expected
Click 'Open' on a Feature in the list	Taken to Feature page	Taken to Feature page	As expected
Click 'Open' on a Bug in the list	Taken to Bug page	Taken to Bug page	As expected
(Features) Select 'Awaiting Quote' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'Awaiting Funds' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'In Progress' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'Implemented' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) Select 'All Open Tickets' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Features) click # to order by ID	Tickets should be ordered by ID	Tickets should be ordered by ID	As expected
(Features) click # again	Tickets should be ordered by ID in the opposite order	Tickets should be ordered by ID in the opposite order	As expected

(Features) click the customer heading to order by Customer	Not available to customers	Tickets should be ordered by Customer	As expected
(Features) Click customer heading again	Not available to customers	Tickets should be ordered by Customer in the opposite order	As expected
(Features) click the title heading to order by Title	Tickets should be ordered by Title	Tickets should be ordered by Title	As expected
(Features) click title heading again	Tickets should be ordered by Title in the opposite order	Tickets should be ordered by Title in the opposite order	As expected
(Features) click Last Updated heading to order by Last Update	Tickets should be ordered by Last Update	Tickets should be ordered by Last Update	As expected
(Features) click Last Update heading again	Tickets should be ordered by Last Update in the opposite order	Tickets should be ordered by Last Update in the opposite order	As expected
(Features) Click Status heading to order by Status	Tickets should be ordered by Status	Tickets should be ordered by Status	As expected
(Features) Click status heading again	Tickets should be ordered by Status in the opposite order	Tickets should be ordered by Status in the opposite order	As expected
(Bugs) Select 'Pending' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'Awaiting Customer' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'In Progress' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'Fixed' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Select 'All Open Tickets' filter and click filter button	List is filtered to selected option and pagination effective on results	List is filtered to selected option and pagination effective on results	As expected
(Bugs) Click # to order by ID	Tickets should be ordered by ID	Tickets should be ordered by ID	As expected
(Bugs) Click # again	Tickets should be ordered by ID in the opposite order	Tickets should be ordered by ID in the opposite order	As expected

(Bugs) Click Title to order by Title	Tickets should be ordered by Title	Tickets should be ordered by Title	As expected
(Bugs)Click title again	Tickets should be ordered by Title in the opposite order	Tickets should be ordered by Title in the opposite order	As expected
(Bugs) Click Last Updated to order by Last Updated	Tickets should be ordered by Last Update	Tickets should be ordered by Last Update	As expected
(Bugs) Click last updated again	Tickets should be ordered by Last Update in the opposite order	Tickets should be ordered by Last Update in the opposite order	As expected
(Bugs) Click Priority to order by priority	Tickets should be ordered by Priority alphabetically	Tickets should be ordered by Priority alphabetically	As expected
(Bugs)Click priority again	Ordered by priority in the opposite order	Ordered by priority in the opposite order	As expected
(Bugs) Click Status to order by status	Tickets should be ordered by Status	Tickets should be ordered by Status	As expected
(Bugs) click status again	Tickets should be ordered by Status in the opposite order	Tickets should be ordered by Status in the opposite order	As expected

Reset Password:

Action	Expected Result	Actual Result
Click 'Reset Password' without entering an email address	Validaton error. Form not submitted.	As expected
Enter an invalid email without @ and click 'Reset Password'	Email validation error. Form not submitted.	As expected
Enter an email address not registered in the application and click 'Reset Password'	Validation error. Form not submitted.	Taken to password-reset-done page. *FIX RESEARCHED BUT NOT IMPLEMENTED, THIS PART OF THE APP USES INBUILT DJANGO VIEWS*

Profile

Action	Expected Result - Own Profile	Expected Result - Other User's Profile	Actual Result
Click the camera icon above the profile picture	Opens a modal with a form to add a new profile picture	Should not be available	As expected
(Update profile picture modal) Click 'Upload' without selecting a file	Modal closes, profile picture remains the same	N/A	As expected
(Update profile picture modal) Select a file that is not an	500 error (custom page)	N/A	As expected

image and click 'Upload'			
(Update profile picture modal) Click 'Cancel'	Modal should close.	N/A	As expected
Click 'Edit' by About Me section	Opens a modal with a form to update the About Me section. Form should already contain current data if applicable.	Should not be available.	As expected.
(Edit About Me modal) Click Cancel without updating	Modal should close	N/A	As expected
(Edit About Me modal) Click Save without making changes	Modal should close, Profile page should remain as before after refreshing.	N/A	As expected
(Edit About Me modal) Make changes and click save	Modal should close, Profile should update with new information	N/A	As expected
Click on user's email address	Opens a blank email (if user's email software set up) with email address in title.	Opens a blank email (if user's email software set up) with email address in title.	As expected

Add Feature

Action	Expected Result	Actual Result
Click 'Submit' without entering data	Form not submitted. Errors raised.	As expected
Enter a title without a description, click 'Submit'	Form not submitted. Errors raised.	As expected
Enter a description without a title, click 'Submit'	Form not submitted. Errors raised.	As expected
Insert template syntax style data (i.e. '{% endif %}') and click submit.	Form submitted, redirected to feature page, template syntax in feature text ignored.	As expected
Enter valid data and click submit.	Form submitted, redirected to feature page with submitted data.	As expected

Feature

Action	Expected result (authenticated as customer)	Expected result (authenticated as developer)	Actual Result
(Newly added feature) Observe visible elements	Title, Description, Voting options, Status, Assigned, Quoted	Title, Description, Voting options, Comment form +	As expected

	status and Comments should be the only visible elements	previous comments, Progress bar, Time spent, Update form should all be visible	
(Newly added feature) Click positive vote	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs up.	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs up.	As expected
(Newly added feature) Click negative vote	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs down.	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs down.	As expected
Click 'Not sure?'	Redirected to Help page	Redirected to Help page	As expected
Click 'Post' on an empty comment	Should not be available before feature is quoted	No change to page	Blank comment is added to page. *NOW FIXED*
Enter a comment and click 'Post'	Should not be available before feature is quoted	Page should refresh and comment visible under 'Comments'	As expected
Select an Assigned option and click 'Update'	N/A	Page refresh, assigned field populated with selected choice	As expected
Enter a cost above £5 and click 'Update'	N/A	Page refresh, cost field now populated with amount.	As expected
Enter a cost below £5 and click 'Update'	N/A	Amounts lower than £5 should prevent form submitting.	Form submitted and cost updated.*NOW FIXED*
Select a choice from Status and click 'Update'	N/A	Page refresh, status field now populated with selected choice	As expected
Enter a number into 'Time Spent' and click 'Update'	N/A	Page refresh, form field reverted to 0, number of minutes given should be added on to the 'Time spent so far' section.	As expected
Update all fields and click 'Update'	N/A	Page refresh, all fields populated with selected data.	As expected
(Quoted Feature, 0 donations) Observe visible elements	As newly added feature, with extra contribution box showing a progress bar and with a Contribute button	As Newly Added Feature	As expected

(Quoted Feature, 0 donations) Click Contribute button	Redirected to checkout page for that ticket	Should not be available	As expected
(Quoted Feature, 0 donations) Click Contribute link (under add comment)	Redirected to checkout page for that ticket	Should not be available	As expected
(Quoted Feature, donations made, target not met) Contribute towards the project as a customer. Observe if add comment form is available	Add Comment form should be available after contributing.	Add comment form should be available all the time.	As expected
(Quoted Feature, Target Met) Observe page elements	Contribute links should no longer be available. Progress bar at 100%. Status changed to In Progress.	Progress bar at 100%. Status changed to In Progress.	As expected

Checkout

Action	Expected Result	Actual Result
Check the page heading	Contributing to "{feature title}"	As expected
Check the maximum amount	Should match the amount left to reach target	As expected
Try and enter an amount higher than the max amount, complete the form, submit	Validation error, form not submitted	As expected
Try to enter an amount lower than £5, complete the form, submit	Validation error, form not submitted	As expected
Complete form, enter invalid credit card details	Error, card number is incorrect.	As expected but displayed in the wrong place *NOW FIXED*
Complete form, enter expired credit card details	Error; your card's expiration month is invalid	As expected

Add bug

Action	Expected Result	Actual Result
Submit form with no data	Validation errors, form not submitted	As expected
Submit valid form with screenshot	Form is submitted, redirected to Bug page, all submitted details present	As expected

Submit valid form without screenshot	Form is submitted, redirected to Bug page, all submitted details present, None displayed under screenshots	As expected
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Bug

Action	Expected Result (Customer)	Expected Result (Developer)	Actual Result
Observe visible elements	Title, description, voting options, status as read only, priority as read only, assigned to as read only, screenshot, Add comment field, previous comments	Title, description, voting options, customer as read only, Time spent so far, Update form, Screenshot, Add comment, comments	As expected
(Newly added bug) Click positive vote	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs up.	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs up.	As expected
(Newly added bug) Click negative vote	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs down.	Page refresh. 'Thanks for voting' message. Voting now unavailable and 1 should be seen next to the thumbs down.	As expected
Click screenshot thumbnail	Opens full sized screenshot in separate tab	Opens full sized screenshot in separate tab	As expected
Click 'Not sure?'	Redirected to Help page	Redirected to Help page	As expected
Enter a comment and click 'Post'	Page refresh showing new comment	Page refresh showing new comment	As expected
Click 'Post' on an empty comment	Validation error asking to fill empty field	Validation error asking to fill empty field	As expected
Select from priority field and click Update	Not available to customers	Page refresh, field now populated with selected criteria	As expected
Select from assigned field and click update	Not available to customers	Page refresh, field now populated with selected criteria	As expected

Select from status field and click update	Not available to customers	Page refresh, field now populated with selected criteria	As expected
Add number to Time Spent and click update	Not available to customers	Page refresh, Time Spent field now 0, submitted number added to Time Spent So Far field.	As expected

News

Action	Expected Result (Customer)	Expected Result (Developer)	Actual Result
Observe visible elements	Title, list of articles	Title, list of articles, add article button	As expected
Click 'Read More' on an article	Taken to the page for that article	Taken to the page for that article	As expected

Add Article

Action	Expected Result (Customer)	Expected Result (Developer)	Actual Result
Try to access manually from address bar	Redirected to News	Taken to Add Article Form	As expected
Click Publish without completing form	N/A	Validation errors, form not submitted	As expected
Complete form, click Publish	N/A	Form submitted, redirected to published article.	As expected

Article

Action	Expected Result	Actual Result
Click Edit Article	(Unavailable to customers), Developers taken to edit article page	As expected
Click Back To Latest News	Go back to previous page	As expected
Click on Author Name	Taken to author's profile page, or login page if not authenticated	As expected
Try to post a blank comment	No change, form validation error raised	As expected

Post a comment	Page refreshes, new comment visible at top of list	As expected
Click comment author's name	Taken to profile page of that user, or login page if not authenticated	As expected

Edit Article

Action	Expected Result	Actual Result
Observe visible elements	(Should not be accessible to customers), Developers should see a form to edit title and description, prepopulated with the article's existing data.	As expected
Remove all data, try to submit	Form validation errors, not submitted	As expected
Make a change and click Publish	Redirected to published article, edits should be visible and a note showing date and author of edit should have been automatically added to the end of the article.	As expected

About

Action	Expected Result	Actual Result
Navigate to page	Should be visible to all users with and without authentication	As expected

Statistics

Action	Expected Result	Actual Result
Navigate to page	Initial page should show Top Ten Contributors with options to change the dataset visible.	As expected
Click Bugs button	Dataset view changes to charts on bug data, previously shown charts should no longer display	As expected
Click Features button	Dataset view changes to charts on feature data, previously shown charts should no longer display	As expected
Click Staff button	Dataset view changes to charts on staff data, previously	As expected

	shown charts should no longer display	
Click a staff member name	Taken to the profile page for that user	As expected
Click Total Minutes spent on Features	Chart is ordered by this column	As expected
Click Total Minutes spent on Bugs	Chart is ordered by this column	As expected
Click Contributor leaderboard	Dataset view changes to charts on customer contributions, previously shown charts should no longer display	As expected
Click a customer name	Taken to the profile page for that user	As expected
Click Total Contributions	Chart is ordered by this column	As expected
Click Number of contributions	Chart is ordered by this column	As expected

Contact

Action	Expected Result	Actual Result
Navigate to page	Should be accessible to both authenticated and anonymous users	As expected
Click Report It	Taken to Add Bug page, or login page if anonymous user	As expected
Click Suggest It	Taken to Add Feature page, or login page if anonymous user	As expected
Submit blank form	Form not submitted, validation errors raised	As expected
Submit completed form	Page refresh, success message ('Message sent')	500 error. *CAUSED BY GOOGLE BLOCKING SIGN IN, NOT THE APP FAILING*

Help

Action	Expected Result	Actual Result
Navigate to page	All types of users should be able to access this page	As expected
Click the here link in Raising Bugs	Taken to Add Bug page or login page if anonymous user	As expected
Click the here link in Suggesting Features	Taken to Add Feature page or login page if anonymous user	As expected