



Functional testing standard

It is important that the services TfL Online provide are defect-free. We carry out functional testing to identify the functions that the software is expected to perform. It is essential that we are able to verify the necessary input data for the required outputs based on the functional specification.

Audience

- Developers
- Testing team
- Project managers

Requirements

1. You **must** test all new tfl.gov.uk sites and services against the scope, entry and exit criteria, and grade them using the defect severity criteria detailed below.

Who	Test Team / Development team
Scope	<ul style="list-style-type: none"> • Ensure the software functionality performs as expected • Testing input data and outputs based on functional specifications • Use a mixture of automated and manual content migrations
Entry criteria	<ul style="list-style-type: none"> • Unit tests must have been run before functional testing starts • Required functionality is deployed to a dedicated test environment • Test environment has the right level of content and data in order to prove the functionality is working correctly • Test cases have been prepared
Exit criteria	<ul style="list-style-type: none"> • All test cases have been executed • Outstanding known defects at the end of the functional testing must be logged and a severity assigned
Defects	<ul style="list-style-type: none"> • Sev 1: Major functional failure with no workaround • Sev 2: Major functional failure with workaround • Sev 3: Errors present but key functionality still works • Sev 4: Cosmetic errors that have very little impact and don't have a negative effect on TfL exists

Type: Standard
Owner: TfL Online Compliance
Department: TfL Online

Version history

Version	Date	Summary of changes
1.0	07/11/2013	First issue

Review History

Name	Title	Date	Comments
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