

OpenBadges – 1: Use Cases

Document Control

Abstract	Use case documentation for OpenBadges feature				
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Use Case Element	Description
<i>Use case number</i>	1
<i>Use case name</i>	Manage badges permissions
<i>Descriptor</i>	Capability settings in the system roles to allow users to create, manage, and issue badges
<i>Primary actor</i>	Site Administrator
<i>Precondition</i>	None

Use Case Element	Description
<i>Use case number</i>	2.1
<i>Use case name</i>	Create badges
<i>Descriptor</i>	Allows a badge to be created
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	None

Use Case Element	Description
<i>Use case number</i>	2.1.1
<i>Use case name</i>	Create badges design templates
<i>Descriptor</i>	Allows a badge template to be created to provide a consistent look for badges across the web site
<i>Primary actor</i>	Site Administrator
<i>Precondition</i>	None

Use Case Element	Description
<i>Use case number</i>	2.1.2
<i>Use case name</i>	Create badges based on site-wide design templates
<i>Descriptor</i>	Allows a badge to be created using a site-wide template
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge design template has been created

Note: Templates described in use cases 2.1.1 and 2.1.2 are going to be implemented in later versions of OpenBadges feature.

Use Case Element	Description
<i>Use case number</i>	2.2
<i>Use case name</i>	Update badges
<i>Descriptor</i>	Allows the settings for a badge to be edited and saved
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge has been created

Use Case Element	Description
<i>Use case number</i>	2.3
<i>Use case name</i>	Delete badges
<i>Descriptor</i>	Allows a badge to be deleted
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge has been created

Use Case Element	Description
<i>Use case number</i>	2.4
<i>Use case name</i>	Customise badges
<i>Descriptor</i>	Allows to customise the appearance of the badges (e.g. set a background image or add custom text)
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge has been created

Use Case Element	Description
<i>Use case number</i>	2.5
<i>Use case name</i>	Clone badges
<i>Descriptor</i>	Allows a badge to be cloned (with all settings and customisation)
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge has been created

Use Case Element	Description
<i>Use case number</i>	3
<i>Use case name</i>	Assign badges
<i>Descriptor</i>	Allows to specify the criteria that leads to the issuing of badges
<i>Primary actor</i>	Course Creator
<i>Precondition</i>	At least one badge has been created

Use Case Element	Description
<i>Use case number</i>	4
<i>Use case name</i>	Badge achievement notification
<i>Descriptor</i>	A notification is generated and sent to a Student when they are awarded a badge. An optional notification to other users (like Course Creator)
<i>Primary actor</i>	System
<i>Precondition</i>	A user has completed conditions of achieving a badge

Use Case Element	Description
<i>Use case number</i>	5
<i>Use case name</i>	Receive badges
<i>Descriptor</i>	Allows users to get a copy of badges they achieved
<i>Primary actor</i>	Student
<i>Precondition</i>	A badge has been awarded

Use Case Element	Description
<i>Use case number</i>	6.1
<i>Use case name</i>	View own badges
<i>Descriptor</i>	Allows a user to see all the badges that they have achieved in the system in one location
<i>Primary actor</i>	Student
<i>Precondition</i>	One or more badges have been awarded

Use Case Element	Description
<i>Use case number</i>	6.2
<i>Use case name</i>	View badges of users
<i>Descriptor</i>	Allows a user to see public badges of other users
<i>Primary actor</i>	Authenticated User
<i>Precondition</i>	One or more badges have been awarded

Use Case Element	Description
<i>Use case number</i>	7
<i>Use case name</i>	Display badges
<i>Descriptor</i>	Allows a user to display local and external badges
<i>Primary actor</i>	Authenticated User
<i>Precondition</i>	None

Use Case Element	Description
<i>Use case number</i>	8.1
<i>Use case name</i>	Report on a specific badge
<i>Descriptor</i>	Report on which students have achieved a specific badge
<i>Primary actor</i>	Users with permissions
<i>Precondition</i>	One or more badges have been created and assigned

Use Case Element	Description
<i>Use case number</i>	8.2
<i>Use case name</i>	Report on an individual user
<i>Descriptor</i>	Report on which badges have been achieved by an individual user
<i>Primary actor</i>	Users with permissions
<i>Precondition</i>	None

Use Case Element	Description
<i>Use case number</i>	8.3
<i>Use case name</i>	Site-wide report on achieved badges
<i>Descriptor</i>	Report on badges achieved by any site user
<i>Primary actor</i>	Site Administrator or users with permissions
<i>Precondition</i>	One or more badges have been created and assigned

Use Case Element	Description
<i>Use case number</i>	9
<i>Use case name</i>	Verification of local and external badges
<i>Descriptor</i>	Allow to automatically verify that all badges displayed within the system are valid (have been achieved by the user they are displayed for)
<i>Primary actor</i>	System
<i>Precondition</i>	At least one badge has been issued to a user, or A user has at least one external badge displayed

Use Case Element	Description
<i>Use case number</i>	10.1
<i>Use case name</i>	Pushing badges to an external backpack
<i>Descriptor</i>	Allows to push individual badges from Moodle into external badge backpack
<i>Primary actor</i>	Student
<i>Precondition</i>	At least one badge has been awarded

Use Case Element	Description
<i>Use case number</i>	10.2
<i>Use case name</i>	Automatic pushing badges to an external backpack
<i>Descriptor</i>	Allows to automatically push badges from Moodle into external badge backpack
<i>Primary actor</i>	Student
<i>Precondition</i>	At least one badge has been awarded

