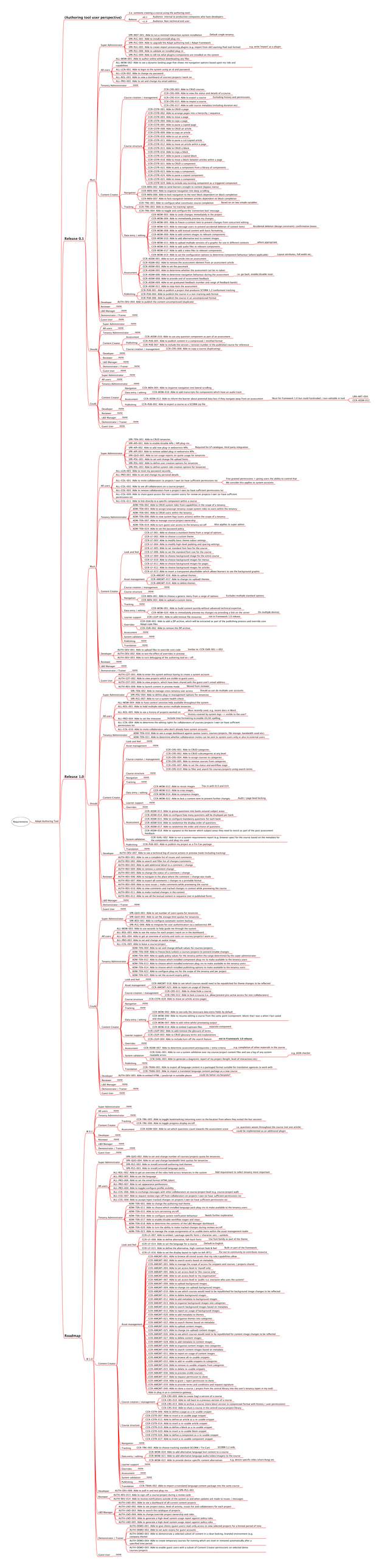
Requirements
Adopt Authoring Tool
Release 0.1
(Authoring tool user perspective)
(i.e. someone creating a course using the authoring tool)
Release
v1.0 Audience: Internal to production companies who have developers
v1.0 Audience: Non-technical end user
Must
Super Administrator
SPR-INST-001: Able to run a minimal interaction system installation
Default single tenancy
SPR-PLC-001: Able to install/uninstall plug-ins
SPR-PLC-004: Able to upgrade the Adopt authoring tool / Adopt Framework
SPR-PLC-005: Able to install/uninstall/upgrade/configure plug-ins (repos from AB Learning Pool tool formal)
e.g. write 'import' as a plugin
SPR-PLC-006: Able to validate an installed plug-in
SPR-PLC-009: Able to tell me what plugins/components are installed on the system
All users
ALL-NON-002: Able to author online without downloading any files
ALL-NON-002: Able to use a dynamic landing page that shows me navigation options based upon my role and capabilities
ALL-LCN-001: Able to login to the system using an id and password
ALL-LCN-002: Able to change my password
ALL-NTL-003: Able to view a dashboard of courses/projects I work on
ALL-PRO-002: Able to set and change my email address
Tenancy Administrator
none
Content Creator
Course creation / management
CCR-CRS-001: Able to CRUD courses
CCR-CTR-005: Able to view the status and details of a course
CCR-CRS-010: Able to export a course
Excluding history and permissions
CCR-CRS-015: Able to import a course
CCR-CRS-017: Able to add course metadata (including duration etc)
Course structure
CCR-CTR-001: Able to CRUD a page
CCR-CSTR-001: Able to arrange pages into a hierarchy / sequence
CCR-CTR-003: Able to move a page
CCR-CTR-004: Able to copy a page
CCR-CTR-005: Able to paste a copied page
CCR-CTR-008: Able to CRUD an article
CCR-CTR-009: Able to copy an article
CCR-CTR-010: Able to cut an article
CCR-CTR-011: Able to paste a copied article
CCR-CTR-012: Able to move an article within a page
CCR-CTR-015: Able to CRUD a block
CCR-CTR-016: Able to copy a block
CCR-CTR-017: Able to paste a copied block
CCR-CTR-018: Able to move a block between articles within a page
CCR-CTR-021: Able to CRUD a component
CCR-CTR-022: Able to pick a component from a library of components
CCR-CTR-023: Able to copy a component
CCR-CTR-024: Able to paste a copied component
CCR-CTR-025: Able to move a component
CCR-CTR-026: Able to convert a standalone component as a triggered component
Navigation
CCR-MDN-002: Able to send learners straight to content (bypass menus)
CCR-MDN-004: Able to manipulate navigation into deep scrolling
CCR-MDN-006: Able to manipulate navigation to the next block dependent on block completion
CCR-MDN-007: Able to lock navigation between articles dependent on block completion
Tracking
CCR-PRO-001: Able to configure what constitutes course completion
Based on on two simple variables
CCR-TRK-002: Able to choose 'no tracking' option
CCR-TRK-004: Able to toggle and configure the 'connection lost' message
Data entry / editing
CCR-WDM-001: Able to undo changes immediately in the project
CCR-WDM-004: Able to immediately preview my changes
CCR-WDM-005: Able to freeze a content item to prevent changes from concurrent editing
CCR-WDM-023: Able to message users to prevent accidental deletion of content items
Accidental deletion (design constraint), confirmation boxes
CCR-WDM-008: Able to add textual content with basic formatting
CCR-WDM-009: Able to add/edit/remove tables to/from/in content objects
CCR-WDM-010: Able to add alternative text to content objects
CCR-WDM-011: Able to upload multiple versions of a graphic for use in different contexts
where appropriate
CCR-WDM-015: Able to add audio files to relevant components
CCR-WDM-017: Able to add a video files to relevant components
CCR-WDM-018: Able to set the configuration options to determine component behaviour (where applicable)
Layout attributes, full width etc.
Assessment
CCR-ASSM-001: Able to turn an article into an assessment
CCR-ASSM-002: Able to minimise the assessment elements from an assessment article
CCR-ASSM-003: Able to set the passmark
CCR-ASSM-005: Able to determine whether the assessment can be re-taken
CCR-ASSM-006: Able to determine navigation behaviour during the assessment
i.e. go back, enable/disable reset
CCR-ASSM-008: Able to provide end of assessment feedback
CCR-ASSM-009: Able to set graduated feedback (number and range of feedback bands)
CCR-ASSM-011: Able to step-lock the assessment
Publishing
CCR-PUB-001: Able to publish a project that produces SCORM 1.2 conformant tracking
CCR-PUB-002: Able to publish the course in an xAPI/cmi5 tracking-ready format
CCR-PUB-006: Able to publish the course in an uncompressed format
Should
Developer
AUTH-DEV-004: Able to publish the content uncompressed (duplicate)
Reviewer
none
LMS Manager
none
Demonstrator / Trainer
none
Guest User
none
Could
Super Administrator
none
All users
none
Tenancy Administrator
none
Content Creator
Assessment
CCR-ASSM-010: Able to use any question component as part of an assessment
Publishing
CCR-PUB-005: Able to publish content in a compressed / zoofed format
CCR-PUB-007: Able to include the version / revision number in the published course for reference
Course creation / management
CCR-CRS-008: Able to copy a course (duplicating)
Developer
none
Reviewer
none
LMS Manager
none
Demonstrator / Trainer
none
Guest User
none
Must
Super Administrator
SPR-TEN-001: Able to CRUD tenancies.
SPR-INR-001: Able to receive issues from / JIR plug-ins.
SPR-API-002: Able to add new plug-in webservice APIs
Required for LP catalogue, third party integration
SPR-API-003: Able to remove added plug-in webservice APIs
SPR-QUO-005: Able to run usage reports on quote usage for tenancies
SPR-PRL-001: Able to set and change the upload limits.
SPR-PRL-002: Able to define user creation options for tenancies
SPR-PRL-003: Able to define system role creation options for tenancies
All users
ALL-LCN-003: Able to reset my password securely.
ALL-PRO-001: Able to set and change my personal details.
All users
ALL-COL-001: Able to invite collaborators to projects I own (or have sufficient permissions to)
Free grained permissions + giving users the ability to control that
We consider this applies to system accounts.
ALL-COL-002: Able to see all collaborators on a course/project
ALL-COL-003: Able to remove collaborators from a project (and for have sufficient permissions to)
ALL-COL-005: Able to share guest access the non-system user(s) for review on projects I own (or have sufficient permissions to)
ALL-COL-006: Able to link directly to a specific component within a course
Tenancy Administrator
ADM-TEN-002: Able to CRUD custom roles from capabilities in the scope of a tenancy
ADM-TEN-003: Able to CRUD custom workflows/tenancy-scope system roles to users within the tenancy
ADM-TEN-005: Able to CRUD users within the tenancy.
ADM-TEN-006: Able to view system logs (users actions) within the scope of a tenancy
ADM-TEN-007: Able to manage course/project ownership
ADM-TEN-019: Able to set guest user access to the tenancy on/off
Also applies to super admin
ADM-TEN-024: Able to set the password policy
Content Creator
Look and feel
CCR-LF-001: Able to create a custom theme from a range of options
CCR-LF-002: Able to choose a custom theme
CCR-LF-003: Able to modify basic theme colour settings
CCR-LF-004: Able to modify high-level padding and spacing settings
CCR-LF-005: Able to set standard font face for the course
CCR-LF-006: Able to set the standard font size for the course
CCR-LF-009: Able to choose background image for the entire course
CCR-LF-010: Able to choose background images for menus
CCR-LF-011: Able to choose background images for pages
CCR-LF-012: Able to choose background images for articles
CCR-LF-013: Able to insert a transparent placeholder which allows learners to see the background graphic
CCR-LF-014: Able to upload custom fonts
Asset management
CCR-AMCART-015: Able to upload custom themes
CCR-AMCART-016: Able to delete themes
Course creation / management
none
Course structure
none
Navigation
CCR-MDN-001: Able to choose a generic menu from a range of options
Excludes multiple standard options
CCR-MDN-003: Able to upload a custom menu
Tracking
none
Data entry / editing
CCR-WDM-001: Able to build content quickly without advanced technical expertise
CCR-WDM-020: Able to immediately preview my changes on providing a link on the server
On multiple devices
Learner support
CCR-LSUP-001: Able to add/remove file resources
not in Framework 1.0 release
Overrides
CCR-OVR-002: Able to add a ZIP archive, which will be extracted as part of the publishing process and override core
Adapt code files
CCR-OVR-002: Able to remove the ZIP archive
Assessment
none
System validation
none
Publishing
none
Translation
none
Developer
AUTH-DEV-001: Able to upload files to override core code
Similar to CCR-OVR-001 + 002
AUTH-DEV-002: Able to test the effect of overrides in preview
AUTH-DEV-003: Able to turn debugging of the authoring tool on / off
Reviewer
none
LMS Manager
none
Demonstrator / Trainer
none
Guest User
AUTH-CST-001: Able to enter the system without having to create a system account
AUTH-CST-002: Able to view projects which are visible by guest users
AUTH-CST-003: Able to view projects, which have been shared with the guest user's email address
AUTH-RDC-008: Able to launch content in preview mode
Mixed from reviewer
Should
Super Administrator
SPR-TEN-002: Able to manage cross-tenancy user access
Should an (up) admin
Should an (up) admin be able to create/manage user accounts
SPR-PLC-003: Able to set a plug-in's configuration options for tenancies
SPR-PLC-007: Able to run a plug-in health check
All users
ALL-NON-004: Able to have interface text available throughout the system
ALL-RDU-001: Able to hold multiple roles across multiple tenancies
Most recently used, e.g. recent docs in Word
ALL-RDU-005: Able to see a history of projects worked on
History covered by system logs — visible to the user?
ALL-PRO-004: Able to set the timezone
Include time formatting to enable US/UK spelling
ALL-COL-004: Able to determine the editing rights for collaborators of courses/projects (and for have sufficient permissions to)
ALL-COL-010: Able to invite collaborators who don't already have system accounts
Tenancy Administrator
ADM-TEN-018: Able to see a usage dashboard against quotas (users, courses/projects, file storage, bandwidth used etc)
ADM-TEN-021: Able to determine whether collaboration invites can be sent to system users only or also to external users
Content Creator
Look and feel
none
Asset management
CCR-CFG-001: Able to CRUD categories
CCR-CFG-002: Able to CRUD subcategories at any level
Course creation / management
CCR-CFG-004: Able to assign courses to categories
CCR-CFG-005: Able to remove courses from categories
CCR-CRS-007: Able to set the status and workflow stage
CCR-CFG-019: Able to filter and search for courses/projects using search terms
Course structure
none
Navigation
none
Tracking
none
Data entry / editing
CCR-WDM-012: Able to resize images
Two in with E13 and E14
CCR-WDM-013: Able to crop images
CCR-WDM-014: Able to compress images
CCR-WDM-022: Able to lock a content item to prevent further changes
Audit / page level locking
Learner support
none
Overrides
none
Assessment
CCR-ASSM-013: Able to group questions into banks around subject areas
CCR-ASSM-014: Able to configure how many questions will be displayed per bank
CCR-ASSM-015: Able to configure mandatory questions for each bank
CCR-ASSM-016: Able to randomise the display order of questions
CCR-ASSM-017: Able to randomise the order and choices of questions
CCR-ASSM-018: Able to expand to the learner which subject areas they need to revisit as part of the post assessment feedback
System validation
CCR-SVAL-002: Able to run a system requirements report (e.g. browser spec) for the course based on the metadata for the components and plug-ins used
Publishing
CCR-PUB-003: Able to publish my project as a Tin Can package
Translation
none
Developer
AUTH-DEV-007: Able to use a technical log of course actions in preview mode (including tracking)
AUTH-RDI-001: Able to see a complete list of issues and comments
AUTH-RDI-002: Able to search and filter list of changes/comments
AUTH-RDI-003: Able to see a complete history of comment / change
AUTH-RDI-004: Able to remove a comment / change
AUTH-RDI-005: Able to change the status of a comment / change
AUTH-RDI-006: Able to navigate to the place where the comment / change was made
AUTH-RDI-007: Able to export all comments / changes to a printable format
AUTH-RDI-008: Able to raise issues / make comments while previewing the course
AUTH-RDI-010: Able to view comments and tracked changes in context while previewing the course
AUTH-RDI-011: Able to make tracked changes in the content
AUTH-RDI-012: Able to see all the textual content in sequence (not in published form)
LMS Manager
none
Demonstrator / Trainer
none
Guest User
none
Could
Super Administrator
SPR-QUO-001: Able to set number of users quota for tenancies
SPR-QUO-003: Able to set file storage limit quotas for tenancies
SPR-BCK-001: Able to configure automatic system backup
SPR-API-004: Able to enable/disable/configure plug-in webservice API
SPR-NOT-001: Able to see events in help guide via through the system
All users
ALL-RDU-003: Able to see the status for each project I work on in the dashboard
ALL-RDU-004: Able to get an overview of activity and tasks on courses/projects I work on
ALL-PRO-003: Able to set and change an avatar image
ALL-COL-009: Able to leave a course/project
Tenancy Administrator
ADM-TEN-004: Able to set and change default values for courses/projects
ADM-TEN-009: Able to freeze/lock/unlock a courses/projects to prevent/enable changes
ADM-TEN-010: Able to apply policy values for the tenancy within the range determined by the super administrator
ADM-TEN-012: Able to choose which installed component plug-ins to make available to the tenancy users
ADM-TEN-013: Able to choose which installed extension plug-ins to make available to the tenancy users
ADM-TEN-014: Able to choose which installed theme plug-ins to make available to the tenancy users
ADM-TEN-015: Able to configure plug-ins for the scope of the tenancy and per project
ADM-TEN-023: Able to set the account expiry policy
Content Creator
Look and feel
none
Asset management
CCR-AMCART-018: Able to see which courses would need to be republished for theme changes to be reflected
CCR-AMCART-021: Able to change the theme
Course creation / management
CCR-CFG-011: Able to clone/hide a course
CCR-CFG-012: Able to lock a course (i.e. allow/prevent pro-active access for non-collaborators)
Course structure
CCR-CTR-028: Able to move an article across pages
Navigation
none
Tracking
none
Data entry / editing
CCR-WDM-002: Able to see only the necessary data entry fields by default
CCR-WDM-006: Able to resume editing a course from the same point (component, block) that I was a when I last saved / left it
CCR-WDM-007: Able to edit titles and/or processing notes
CCR-WDM-032: Able to embed Captivate files
separate component
Learner support
CCR-LSUP-002: Able to add/remove the glossary of terms
CCR-LSUP-003: Able to CRUD glossary terms and explanations
CCR-LSUP-004: Able to include/exclude off the search feature
not in Framework 1.0 release
Overrides
none
Assessment
CCR-ASSM-007: Able to determine assessment prerequisites / entry criteria
e.g. completion of other materials in the course.
System validation
CCR-SVAL-001: Able to run a system validation over my course/project content files and see a log of any system readable errors.
e.g. JSON checker
CCR-SVAL-003: Able to generate a diagnostic report of my project (length, level of interactions etc)
Publishing
none
Translation
CCR-TRAN-001: Able to export all language content in a packaged format suitable for translation agencies to work with
CCR-TRAN-003: Able to import a translated language content package as a new course
Developer
AUTH-DEV-005: Able to embed HTML / JavaScript in suitable places
child dt) better via bespoke?
Reviewer
none
LMS Manager
none
Demonstrator / Trainer
none
Guest User
none
Roadmap
W 0.1
Super Administrator
none
All users
none
Tenancy Administrator
none
Content Creator
Tracking
CCR-TRK-001: Able to toggle bookmarking (returning users to the location from where they exited the last session)
CCR-TRK-006: Able to toggle progress display on/off
Assessment
CCR-ASSM-004: Able to set which questions count towards the assessment score
i.e. questions woven throughout the course (not one article)
could be implemented as an additional plugin.
Developer
none
Reviewer
none
LMS Manager
none
Demonstrator / Trainer
none
Guest User
none
W 0.2
Super Administrator
SPR-QUO-002: Able to set and change number of courses/projects quota for tenancies
SPR-QUO-004: Able to set and change bandwidth limit quotas for tenancies
SPR-PLC-002: Able to install/uninstall authoring tool themes.
SPR-PLC-003: Able to install/uninstall language packs
All users
ALL-NON-003: Able to get an overview of the roles held across tenancies in the system
Add requirement to select tenancy more important
ALL-PRO-005: Able to set the language
ALL-PRO-006: Able to set the theme (HTML/skin)
ALL-PRO-007: Able to set dashboard preferences
ALL-PRO-008: Able to toggle/configure profile visibility
ALL-COL-008: Able to exchange messages with other collaborators of course/project level (e.g. course/project wall)
ALL-COL-007: Able to request review/sign off from collaborators on projects I own (or have sufficient permissions to)
ALL-COL-008: Able to accept/reject tracked changes on projects I own (or have sufficient permissions to)
Tenancy Administrator
ADM-TEN-001: Able to change the authoring tool theme
ADM-TEN-011: Able to choose which installed language pack plug-ins to make available to the tenancy users
ADM-TEN-017: Able to turn versioning on/off.
ADM-TEN-020: Able to configure system notification behaviour
Needs further exploration
ADM-TEN-027: Able to enable/disable workflow stages and steps
ADM-TEN-028: Able to determine the contents of the LMS Manager dashboard
ADM-TEN-029: Able to turn the ability to make tracked changes during reviews on/off
ADM-TEN-030: Able to set the default workflow for new courses/projects and asset management nodes
Content Creator
Look and feel
CCR-LF-007: Able to embed / package specific fonts / character sets / symbols
CCR-LF-008: Able to define alternative, fall-back fonts
Use font family as part of the theme
CCR-LF-015: Able to set the language for a course
Default to English
CCR-LF-016: Able to define the alternative, high-contrast look & feel
Built-in part of the framework
CCR-LF-017: Able to set the display focus to right-to-left (RTL)
Put out to community to contribute resource
Asset management
CCR-AMCART-001: Able to browse all overall assets that my role/capabilities allow
CCR-AMCART-002: Able to search assets based on metadata
CCR-AMCART-003: Able to manage the scope of access for snippets and courses / projects shared
CCR-AMCART-004: Able to set access level to 'myself only'
CCR-AMCART-005: Able to set access level to 'this course only'
CCR-AMCART-006: Able to set access level to 'my organisation'
CCR-AMCART-007: Able to set access level to 'public (i.e. everyone who uses the system)'
CCR-AMCART-008: Able to upload background images
CCR-AMCART-009: Able to change the uploaded background images
CCR-AMCART-010: Able to see which courses would need to be republished for background image changes to be reflected
CCR-AMCART-011: Able to delete background images
CCR-AMCART-012: Able to add metadata to background images
CCR-AMCART-013: Able to organise background images into categories.
CCR-AMCART-014: Able to search background images based on metadata
CCR-AMCART-015: Able to import an usage of background images.
CCR-AMCART-020: Able to add metadata to themes.
CCR-AMCART-021: Able to organise themes into categories.
CCR-AMCART-022: Able to search themes based on metadata
CCR-AMCART-024: Able to upload content images.
CCR-AMCART-025: Able to change the uploaded content images.
CCR-AMCART-026: Able to see which courses would need to be republished for content image changes to be reflected
CCR-AMCART-027: Able to delete content images
CCR-AMCART-028: Able to add metadata to content images.
CCR-AMCART-029: Able to organise content images into categories.
CCR-AMCART-030: Able to search content images based on metadata
CCR-AMCART-031: Able to import an usage of content images.
CCR-AMCART-032: Able to browse all re-usable snippets
CCR-AMCART-033: Able to add re-usable snippets to categories
CCR-AMCART-034: Able to remove re-usable snippets from categories
CCR-AMCART-035: Able to delete re-usable snippet.
CCR-AMCART-036: Able to preview visible courses
CCR-AMCART-037: Able to request permission to clone
CCR-AMCART-038: Able to grant / reject permission to clone
CCR-AMCART-039: Able to see requests for permission to clone and request signature
CCR-AMCART-040: Able to clone a course / project from the central library into the user's tenancy (open in my tool)
Able to plug in an e-commerce gateway
Course creation / management
CCR-CRS-009: Able to create bug/ticket against a version of a course
CCR-CRS-010: Able to roll back to a previous version of a course
CCR-CRS-012: Able to archive a course (store latest version in compressed format with history / user permissions)
CCR-CRS-016: Able to share a course in the central course/project library
Course structure
CCR-CTR-006: Able to define a page as a re-usable snippet
CCR-CTR-007: Able to insert a re-usable page snippet
CCR-CTR-013: Able to define an article as a re-usable snippet
CCR-CTR-014: Able to insert a re-usable article snippet
CCR-CTR-019: Able to define a block as a re-usable snippet
CCR-CTR-020: Able to insert a re-usable block snippet
CCR-CSTR-020: Able to define a component as a re-usable snippet
CCR-CTR-027: Able to insert a re-usable component snippet
Navigation
none
Tracking
CCR-TRK-002: Able to choose tracking standard (SCORM / Tin Can)
SCORM 1.2 only
CCR-WDM-020: Able to add alternative language text content to a course
Data entry / editing
CCR-WDM-021: Able to add alternative language audio/video/images to the course
CCR-WDM-022: Able to provide dexto-specific content alternatives
e.g. diverse specific titles (short/long) etc
Learner support
none
Overrides
none
Assessment
none
System validation
none
Publishing
none
Translation
CCR-TRAN-002: Able to import a translated language content package into the same course
Developer
AUTH-DEV-008: Able to pull in and test plug-ins
see SPR-PLC-001
Reviewer
AUTH-RDV-013: Able to sign-off a course/project during a review cycle
LMS Manager
AUTH-LMD-001: Able to see a dashboard of all current content projects
AUTH-LMD-002: Able to see project status, level of activity, issues list and collaborators for each project
AUTH-LMD-003: Able to search the catalogue of projects
AUTH-LMD-004: Able to change/override project ownership and roles
AUTH-LMD-005: Able to generate a high-level system usage report against policy rules
AUTH-LMD-006: Able to generate a high-level system usage report against policy rules
Demonstrator / Trainer
AUTH-DEMO-001: Able to give clients (guest users) read-only access to view selected projects for a limited period of time
AUTH-DEMO-002: Able to see auto-expiry for guest accounts
AUTH-DEMO-003: Able to demonstrate a selected subset of content in a clean looking, branded environment (e.g. company theme)
AUTH-DEMO-004: Able to create temporary courses for training which are reset or removed automatically after a specified time period
AUTH-DEMO-005: Able to enable guest users with a subset of Content Creator permissions on selected demo courses/projects
Guest User
none