



Adapt Learning: Authoring Tool Requirements

Document control

Abstract:	Table of requirements for the Adapt Authoring Tool, organized into releases and priority.		
Audience:	Anyone in the Adapt Learning community; Steering Group for sign-off		
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Summary of Changes:	Versions	Date	Description
	1.0	02 / 02 / 2014	Release to the community for feedback



Purpose of document

The purpose of this document is to list the requirements for the Adapt Authoring tool in order to gather feedback from the community and get sign-off from the steering group. This document provides an alternative format to the source mind map file.

Release 0.1

Audience: internal to production companies who have developers.

Must

Requirements we must implement for this release.

Actor	Requirement
Super Administrator	SPR-INST-001: Able to run a minimal interaction system installation
	SPR-PLG-001: Able to install/uninstall plug-ins
	SPR-PLG-004: Able to upgrade the Adapt authoring tool / Adapt Framework
	SPR-PLG-005: Able to create import processing plugins (e.g. import from old Learning Pool tool format)
	SPR-PLG-006: Able to validate an installed plug-in
	SPR-PLG-009: Able to tell me what plugins/components are installed on the system
All users	ALL-WOW-001: Able to author online without downloading any files
	ALL-WOW-002: Able to see a dynamic landing page that shows me navigation options based upon my role and capabilities
	ALL-LGN-001: Able to login to the system using an id and password
	ALL-LGN-002: Able to change my password
	ALL-ROL-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	<i>None</i>
Content Creator	CCR-CRS-003: Able to CRUD courses
	CCR-CRS-006: Able to view the status and details of a course
	CCR-CRS-014: Able to export a course
	CCR-CRS-015: Able to import a course
	CCR-CRS-017: Able to add course metadata (including duration etc)
	CCR-CSTR-001: Able to CRUD a page
	CCR-CSTR-002: Able to arrange pages into a hierarchy / sequence
	CCR-CSTR-003: Able to move a page
	CCR-CSTR-004: Able to copy a page
	CCR-CSTR-005: Able to paste a copied page
CCR-CSTR-008: Able to CRUD an article	



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	CCR-CSTR-009: Able to copy an article
	CCR-CSTR-010: Able to cut an article
	CCR-CSTR-011: Able to paste a cut/copied article
	CCR-CSTR-012: Able to move an article within a page
	CCR-CSTR-015: Able to CRUD a block
	CCR-CSTR-016: Able to copy a block
	CCR-CSTR-017: Able to paste a copied block
	CCR-CSTR-018: Able to move a block between articles within a page
	CCR-CSTR-021: Able to CRUD a component
	CCR-CSTR-022: Able to pick a component from a library of components
	CCR-CSTR-023: Able to copy a component
	CCR-CSTR-024: Able to paste a copied component
	CCR-CSTR-025: Able to move a component
	CCR-CSTR-029: Able to include any existing component as a triggered component
	CCR-MEN-002: Able to send learners straight to content (bypass menu)
	CCR-MEN-004: Able to organise navigation into deep scrolling
	CCR-MEN-006: Able to lock navigation to the next block dependent on block completion
	CCR-MEN-007: Able to lock navigation between articles dependent on block completion
	CCR-TRK-001: Able to configure what constitutes course completion
	CCR-TRK-003: Able to choose 'no tracking' option
	CCR-TRK-004: Able to toggle and configure the 'connection lost' message
	CCR-WOW-003: Able to undo changes immediately in the project
	CCR-WOW-004: Able to immediately preview my changes
	CCR-WOW-005: Able to freeze a content item to prevent changes from concurrent editing
	CCR-WOW-023: Able to message users to prevent accidental deletion of content items
	CCR-WOW-008: Able to add textual content with basic formatting
	CCR-WOW-009: Able to add content images to relevant components
	CCR-WOW-010: Able to add alternative text to content images
	CCR-WOW-011: Able to upload multiple versions of a graphic for use in different contexts
	CCR-WOW-015: Able to add audio files to relevant components
	CCR-WOW-017: Able to add a video files to relevant components
	CCR-WOW-019: Able to set the configuration options to determine component behaviour (where applicable)



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	CCR-ASSM-001: Able to turn an article into an assessment
	CCR-ASSM-002: Able to remove the assessment element 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
	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
	CCR-PUB-001: Able to publish a project that produces SCORM 1.2 conformant tracking
	CCR-PUB-004: Able to publish the course in a non-tracking web format
	CCR-PUB-006: Able to publish the course in an uncompressed format
Developer	AUTH-DEV-004: Able to publish the content uncompressed (duplicate)
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>

Should

Requirements we should implement for this release.

Actor	Requirement
Super Administrator	<i>None</i>
All users	<i>None</i>
Tenancy Administrator	<i>None</i>
Content Creator	CCR-ASSM-010: Able to use any question component as part of an assessment
	CCR-PUB-005: Able to publish content in a compressed / minified format
	CCR-PUB-007: Able to include the version / revision number in the published course for reference
	CCR-CRS-008: Able to copy a course (duplicating)
Developer	<i>None</i>
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>



Adapt Authoring Requirements

Could

Requirements we could implement for this release (nice to have).

Actor	Requirement
Super Administrator	<i>None</i>
All users	<i>None</i>
Tenancy Administrator	<i>None</i>
Content Creator	CCR-MEN-005: Able to organise navigation into lateral scrolling
	CCR-WOW-016: Able to add transcripts for components which have an audio track
	CCR-ASSM-012: Able to inform the learner about potential data loss if they navigate away from an assessment
	CCR-PUB-002: Able to export a course as a SCORM zip file
Developer	<i>None</i>
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>

Release 1.0

Audience: Non-technical end users

Must

Requirements we must implement for this release.

Actor	Requirement
Super Administrator	SPR-TEN-001: Able to CRUD tenancies
	SPR-API-001: Able to enable/disable APIs / API plug-ins
	SPR-API-002: Able to add new plug-in webservice APIs
	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-POL-001: Able to set and change file upload limits
	SPR-POL-002: Able to define user creation options for tenancies
	SPR-POL-003: Able to define system role creation options for tenancies
All users	ALL-LGN-003: Able to reset my password securely
	ALL-PRO-001: Able to set and change my personal details



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	ALL-COL-001: Able to invite collaborators to projects I own (or have sufficient permissions to)
	ALL-COL-002: Able to see all collaborators on a course/project
	ALL-COL-003: Able to remove collaborators from a project I own (or have sufficient permissions to)
	ALL-COL-009: Able to share guest access (for non-system users) for review on projects I own (or have sufficient permissions to)
	ALL-COL-011: Able to link directly to a specific component within a course
Tenancy Administrator	ADM-TEN-002: Able to CRUD system roles from capabilities in the scope of a tenancy
	ADM-TEN-003: Able to assign/unassign 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 turn guest user access to the tenancy on/off
	ADM-TEN-024: Able to set the password policy
Content Creator	CCR-LF-001: Able to choose a standard 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-AMGMT-016: Able to upload themes
	CCR-AMGMT-017: Able to change (re-upload) themes
	CCR-AMGMT-019: Able to delete themes
	CCR-MEN-001: Able to choose a generic menu from a range of options
	CCR-MEN-003: Able to upload a custom menu
	CCR-WOW-001: Able to build content quickly without advanced technical expertise
	CCR-WOW-020: Able to immediately preview my changes via providing a link on the server
	CCR-LSUP-001: Able to add/remove file resources



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	CCR-OVR-001: 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
Developer	AUTH-DEV-001: Able to upload files to override core code
	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
Developer	<i>None</i>
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	AUTH-GST-001: Able to enter the system without having to create a system account
	AUTH-GST-002: Able to view projects which are visible to guest users
	AUTH-GST-003: Able to view projects, which have been shared with the guest user's email address
	AUTH-REV-008: Able to launch content in preview mode

Should

Requirements we should implement for this release.

Actor	Requirement
Super Administrator	SPR-TEN-002: Able to manage cross-tenancy user access
	SPR-POL-004: Able to define plug-in management options for tenancies
	SPR-PLG-007: Able to run a system health-check
All users	ALL-WOW-004: Able to have context sensitive help available throughout the system
	ALL-ROL-001: Able to hold multiple roles across multiple tenancies
	ALL-ROL-005: Able to see a history of projects worked on
	ALL-PRO-004: Able to set the timezone
	ALL-COL-004: Able to determine the editing rights for collaborators of courses/projects I own (or have sufficient permissions to)
	ALL-COL-010: Able to invite collaborators who don't already have system accounts
Tenancy Administrator	ADM-TEN-010: 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	CCR-CRS-001: Able to CRUD categories
	CCR-CRS-002: Able to CRUD subcategories at any level
	CCR-CRS-004: Able to assign courses to categories



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	CCR-CRS-005: Able to remove courses from categories
	CCR-CRS-007: Able to set the status and workflow stage
	CCR-CRS-019: Able to filter and search for courses/projects using search terms
	CCR-WOW-012: Able to resize images
	CCR-WOW-013: Able to crop images
	CCR-WOW-014: Able to compress images
	CCR-WOW-022: Able to lock a content item to prevent further changes
	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 choice of questions
	CCR-ASSM-018: Able to signpost to the learner which subject areas they need to revisit as part of the post assessment feedback
	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
	CCR-PUB-003: Able to publish my project as a Tin Can package
Developer	AUTH-DEV-007: Able to see a technical log of course actions in preview mode (including tracking)
Reviewer	AUTH-REV-001: Able to see a complete list of issues and comments
	AUTH-REV-002: Able to search and filter list of changes/comments
	AUTH-REV-003: Able to add additional detail to a comment / change
	AUTH-REV-004: Able to remove a comment change
	AUTH-REV-005: Able to change the status of a comment / change
	AUTH-REV-006: Able to navigate to the place where the comment / change was made
	AUTH-REV-007: Able to export all comments / changes to a printable format
	AUTH-REV-009: Able to raise issues / make comments while previewing the course
	AUTH-REV-010: Able to view comments and tracked changes in context while previewing the course
	AUTH-REV-011: Able to make tracked changes in the content
	AUTH-REV-012: Able to see all the textual content in sequence (not in published form)
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>



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Could

Requirements we could implement for this release (nice to have).

Actor	Requirement
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-PLG-008: Able to integrate for user authentication via a webservice API
All users	ALL-WOW-003: Able to use wizards to help guide me through the system
	ALL-ROL-003: Able to see the status for each project I work on in the dashboard
	ALL-ROL-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-005: Able to leave a course/project
Tenancy Administrator	ADM-TEN-004: Able to set and change default values for courses/projects
	ADM-TEN-008: Able to freeze/lock/unlock a courses/projects to prevent/enable changes
	ADM-TEN-009: 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 publishing options to make available to the tenancy users
	ADM-TEN-022: Able to configure plug-ins for the scope of the tenancy and per project
ADM-TEN-025: Able to set the account expiry policy	
Content Creator	CCR-AMGMT-018: Able to see which courses would need to be republished for theme changes to be reflected
	CCR-AMGMT-023: Able to report on usage of themes
	CCR-CRS-011: Able to show/hide a course
	CCR-CRS-012: Able to lock a course (i.e. allow/prevent pro-active access for non-collaborators)
	CCR-CSTR-028: Able to move an article across pages
	CCR-WOW-002: Able to see only the necessary data entry fields by default
	CCR-WOW-006: Able to resume editing a course from the same point (component; block) that I was a when I last saved and closed it
CCR-WOW-007: Able to edit inline whilst previewing output	



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	CCR-WOW-018: Able to embed Captivate files
	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/turn off the search feature
	CCR-ASSM-007: Able to determine assessment prerequisites / entry criteria
	CCR-SVAL-001: Able to run a system validation over my course/project content files and see a log of any system readable errors
	CCR-SVAL-003: Able to generate a diagnostic report of my project (length, level of interactions etc)
	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
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>

Roadmap

These are the requirements, we have not allocated to a release. These therefore form the backlog or product roadmap beyond the version 1.0 release of the authoring tool.

Actor	Requirement
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-PLG-002: Able to install/uninstall authoring tool themes
	SPR-PLG-003: Able to install/uninstall language packs
All users	ALL-ROL-002: Able to get an overview of the roles held across tenancies in the system
	ALL-PRO-005: Able to set the language
	ALL-PRO-006: Able to set the email format (HTML/plain)
	ALL-PRO-007: Able to set appearance preferences
	ALL-PRO-008: Able to toggle/configure profile visibility
	ALL-COL-006: Able to exchange messages with other collaborators at course/project level (e.g. course/project wall)
	ALL-COL-007: Able to request review/sign-off from collaborators on projects I own



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	(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-015: Able to turn versioning on/off
	ADM-TEN-016: Able to configure system notification behaviour
	ADM-TEN-017: Able to enable/disable workflow stages and steps
	ADM-TEN-018: Able to determine the contents of the L&D Manager dashboard
	ADM-TEN-020: Able to turn the ability to make tracked changes during reviews on/off
	ADM-TEN-023: Able to manage the scope assignments of re-usable items within the asset management realm
Content Creator	CCR-LF-007: Able to embed / package specific fonts / character sets / symbols
	CCR-LF-008: Able to define alternative, fall-back fonts
	CCR-LF-014: Able to set the language for a course
	CCR-LF-015: Able to define the alternative, high-contrast look & feel
	CCR-LF-016: Able to set the display layout to right-to-left (RTL)
	CCR-AMGMT-001: Able to browse all stored assets that my role/capabilities allow
	CCR-AMGMT-002: Able to search assets based on metadata
	CCR-AMGMT-003: Able to manage the scope of access for snippets and courses / projects shared
	CCR-AMGMT-004: Able to set access level to 'myself only'
	CCR-AMGMT-005: Able to set access level to 'this course only'
	CCR-AMGMT-006: Able to set access level to 'my organisation'
	CCR-AMGMT-007: Able to set access level to 'public (i.e. everyone who uses the system)'
	CCR-AMGMT-008: Able to upload background images
	CCR-AMGMT-009: Able to change (re-upload) background images
	CCR-AMGMT-010: Able to see which courses would need to be republished for background image changes to be reflected
	CCR-AMGMT-011: Able to delete background images
	CCR-AMGMT-012: Able to add metadata to background images
	CCR-AMGMT-013: Able to organise background images into categories
	CCR-AMGMT-014: Able to search background images based on metadata
	CCR-AMGMT-015: Able to report on usage of background images
	CCR-AMGMT-020: Able to add metadata to themes



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	CCR-AMGMT-021: Able to organise themes into categories
	CCR-AMGMT-022: Able to search themes based on metadata
	CCR-AMGMT-024: Able to upload content images
	CCR-AMGMT-025: Able to change (re-upload) content images
	CCR-AMGMT-026: Able to see which courses would need to be republished for content image changes to be reflected
	CCR-AMGMT-027: Able to delete content images
	CCR-AMGMT-028: Able to add metadata to content images
	CCR-AMGMT-029: Able to organise content images into categories
	CCR-AMGMT-030: Able to search content images based on metadata
	CCR-AMGMT-031: Able to report on usage of content images
	CCR-AMGMT-032: Able to browse all re-usable snippets
	CCR-AMGMT-033: Able to add re-usable snippets to categories
	CCR-AMGMT-034: Able to remove re-usable snippets from categories
	CCR-AMGMT-035: Able to delete re-usable snippets
	CCR-AMGMT-036: Able to preview visible courses
	CCR-AMGMT-037: Able to request permission to clone
	CCR-AMGMT-038: Able to grant / reject permission to clone
	CCR-AMGMT-039: Able to provide terms and conditions and request signature
	CCR-AMGMT-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
	CCR-CRS-009: Able to create (tag) a version of a course
	CCR-CRS-010: Able to roll back to a previous version of a course
	CCR-CRS-013: 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
	CCR-CSTR-006: Able to define a page as a re-usable snippet
	CCR-CSTR-007: Able to insert a re-usable page snippet
	CCR-CSTR-013: Able to define an article as a re-usable snippet
	CCR-CSTR-014: Able to insert a re-usable article snippet
	CCR-CSTR-019: Able to define a block as a re-usable snippet
	CCR-CSTR-020: Able to insert a re-usable block snippet
	CCR-CSTR-026: Able to define a component as a re-usable snippet
	CCR-CSTR-027: Able to insert a re-usable component snippet
	CCR-TRK-002: Able to choose tracking standard (SCORM / Tin Can)
	CCR-WOW-020: Able to add alternative language text content to a course
	CCR-WOW-021: Able to add alternative language audio/video/imagery to the course



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	CCR-WOW-022: Able to provide device-specific content alternatives
	CCR-TRAN-002: Able to import a translated language content package into the same course
Developer	AUTH-DEV-006: Able to pull in and test plug-ins
Reviewer	AUTH-REV-013: Able to sign-off a course/project during a review cycle
	AUTH-REV-014: Able to receive notifications outside of the system as and when updates are made to issues / messages
L&D Manager	AUTH-LND-001: Able to see a dashboard of all current content projects
	AUTH-LND-002: Able to see project status, level of activity, issues list and collaborators for each project
	AUTH-LND-003: Able to search the catalogue of projects
	AUTH-LND-004: Able to change/override project ownership and roles
	AUTH-LND-005: Able to generate a high-level system usage report against policy rules
	AUTH-LND-005: 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 set 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	<i>None</i>

Exceptions to revisit

These requirements will have to be re-rated with a view to version 1.0. So far we have only stated that we exclude them from the version 0.1 release.

Actor	Requirement
Super Administrator	<i>None</i>
All users	<i>None</i>
Tenancy Administrator	<i>None</i>
Content Creator	CCR-TRK-005: 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



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	CCR-ASSM-004: Able to set which questions count towards the assessment score
Developer	<i>None</i>
Reviewer	<i>None</i>
L&D Manager	<i>None</i>
Demonstrator / Trainer	<i>None</i>
Guest User	<i>None</i>