Release Notes

February 6, 2018

Document Version History

Version Number	Original / Modified	Authored / Modified By	Date
1.0	Original	Deepshikha	February 6, 2018
1.0a	Modified to add API links	Sunita Shelar	February 7, 2018
1.0b	Added mobile app related information	Nawab Reshi	February 13, 2018

About this Document

This document provides details of features and enhancements made to Sunbird and EkStep platform for the release version 1.4.1, made in the month of February, 2018.

Release Version

Project	
Release Date	Feb 6, 2018
Release Version	V 1.4.1

New Features

No.	Feature	Project	Description
1	Keyboard shortcuts for Collection Editor	Content Framework	Keyboard shortcuts allow users do the following within the Collection Editor tree structure: ● add, delete and modify a unit name ● navigate its hierarchy ● collapse and expand it
2	Single save for all meta pages	Content Framework	Users can add, update, delete or refresh keywords in multiple, existing or new metadata pages of a textbook or collection and save them simultaneously.

3	Textbook & Textbook-unit meta form (fields) changes	Content Framework	The metadata pages for a textbook and textbook unit are updated
			The textbook page has the following fields:
			● Name
			● Description
			● Icon/Thumbnail
			● Framework attributes-
			  ○ Curriculum
			  ○ Subject
			  ○ Class
			  ○ Medium
			  ○ Concepts / topics
			● Publisher
			● Year

			The textbook unit has the following fields: ● Name ● Description (optional) ● Keywords (optional)
4	Inline edit of a unit name on the tree structure	Content Framework	Users can edit the unit name in any collection that has a tree structure while navigating through it
5	CE-Core Plugins to support Rajasthan Board (BSER) add to Curriculum list in DIKSHA.	DIKSHA	Specific enhancement done for Rajasthan state on DIKSHA to support their need
6	Caching for homepage modules	Ekstep Portal	Technical enhancement done to increase efficiency and TAT Information about all lessons and showcases on the Sunbird home page is held in the server cache memory for an hour. This reduces the number of search API calls.Modules showing user-specific information like My Content, Up for Review, etc. are not held in cache memory
7	API domain changes for V3 API and refactoring all failed PHP unit test cases on portal	EKstep Portal	The domain name for all Telemetry V3 APIs have been modified to reflect the new API domain name. As a result, all V3 API work with new API domain in the DEV and QA instance.
8	Framework API implementation in Textbook creation	Content Framework/ Sunbird Portal	A new framework API is implemented to display fixed categories for textbook metadata. The categories are: ● Board ● Class ● Subject ● Medium Based on the category selected, associated values for other categories are displayed
9	Auto suggest keywords	Content Framework	The system automatically suggests a keyword after the user types in three characters Keywords are stored in InMemory. If the keyword already exists, the system

			fetches it from InMemory and does not make an HTTP request call. Users can add keywords even if there are pre-existing keywords
10	What's New plugin in the Collection Editor	Content Framework	A red colour What's New icon indicator is available for all newly added content. After users open the content for the first time, the icon turns grey. On Sunbird, this feature is available for the following content types: ● Course ● Lesson Plan ● Book On the Ekstep portal, this feature is available for: ● Collection Editor
11	UI modified for the Collection Editor	Content Framework	Modifications made to the UI of the Collection Editor's tree structure for a textbook
12	UI modified for the lesson browser in the Collection Editor	Content Framework	Modifications made to the UI of the Collection Editor's lesson browser page
13	Channel registration with Ekstep	Sunbird Backend (LMS)	After a root organisation is created in Sunbird , it's channel value needs to be registered with EkStep
15	Dashboard Download	Sunbird Portal	Dashboard reports are available for download
16	Integrating Telemetry(V3)	Sunbird Mobile App.	Implementing telemetry in the Sunbird mobile app to : ● Capture number of user visits to each screen (Splash screen, language selection, sign-in screen, user type selection) ● Track and measure user interactions within the app, viz. events generated ● Track and measure number of devices signed in either as guest or registered users

			● Track and measure number of user Sign In's at: ○ Launch ○ Via conscious attempt (breakdown per source) ○ Via redirection (breakdown per source)
17	Auto Telemetry Sync	Sunbird Mobile App	● Ability to sync telemetry data every 15-30 seconds, when connected to the Internet
18	Guest Mode	Sunbird Mobile App	The Sunbird mobile app has a Guest user mode. The following are enhancements done: ● Splash screen modified to include guest user profile ● Ability to select language for first Sign In by the guest user ● Easy access to content ● Seamless user experience with requirement based Sign In ● Direct access to Resources/ Library page ● Guest profile displays relevant information about the guest user ● Guest user profile can be edited

Enhancements / Technical tasks

No.	Description	Project
1	Language Keyword/Theme model change Enhancement done to fix Git issue #6162 This request is addressed as part of Keyword (Vocabulary) API	Ekstep Portal
2	Description field fixed to allow apostrophe Enhancement done to fix Git issue #6132	Ekstep Portal
5	Integration with Codacy and code cleaning based on codacy guide line	Sunbird Backend
6	Cassandra migration	Sunbird Backend
7	Property **Pragma** to Content Model Enhancement done to flag any content sourced from external channels like YouTube, SlideShare, etc. As a result of this enhancement, all content from external channels will have the tags **'External'** and / or **'Ads'**.	Learning Platform

Deprecated Features

Note: No features are deprecated in this release

New and Enhanced APIs

Note: For details of the following APIs, refer to http://www.sunbird.org/apis/

No.	API Name	API Documentation Link
1.	D.I.A.L Code APIs: ● Generate API ● Publisher API ● Update API ● Link API	http://www.sunbird.org/apis/dialapi/#tag/DIAL-APIs ● http://www.sunbird.org/apis/dialapi/#operation/GeneratePost ● http://www.sunbird.org/apis/dialapi/#operation/PublisherCreatePost ● http://www.sunbird.org/apis/dialapi/#operation/UpdateQ13PMPPatch ● http://www.sunbird.org/apis/dialapi/#operation/ContentLinkPost

	● List API ● Search API		● http://www.sunbird.org/apis/dialapi/#operation/ListPost ● http://www.sunbird.org/apis/dialapi/#operation/SearchPost
2.	Framework APIs: ● Core APIs ● Category APIs ● Channel APIs ● Term APIs		http://www.sunbird.org/apis/framework/ ● http://www.sunbird.org/apis/framework/#tag/Framework-Core-APIs ● http://www.sunbird.org/apis/framework/#tag/Framework-Category-APIs ● http://www.sunbird.org/apis/framework/#tag/Channel-APIs ● http://www.sunbird.org/apis/framework/#tag/Framework-Term-APIs
3.	Assessment Item APIs		http://www.sunbird.org/apis/assessmentapi/#tag/Assessment-Item-API(s)

Known Issues and Suggested Solution

Note: This release has no known issues that have a viable solution or workaround

Known Gaps

The following is a feature comparison or gaps between the Sunbird and Ekstep mobile app

Feature	Available in Ekstep	Available in Sunbird
Main functionality		
Ability to share content	YES	YES
Ability to send and receive announcements	NO	YES
Provide more user information (Education, Experience, Social links etc.)	NO	YES
See content created by this user	NO	YES
Separation of Courses, Resources etc. into separate areas	NO	YES
Customization based on tenant / partner	1/2	YES
Local summarizer	1/2	NO
Multi-profiles management section	YES	NO
Downloads management section	YES	NO
Ability to share app	YES	NO

Ability to share telemetry	YES	NO
Ability to share user profiles	YES	NO
Ability to interact within groups	NO	NO
Settings section	YES	NO
Language configuration	YES	YES
Data usage configuration	YES	NO
Device tagging (program tags)	YES	NO
Storing content on SD card instead of device	YES	NO
Device details sharing (+app version)	YES	NO
Privacy policy and terms of service	YES	NO
Download management		
Ability to download individual contents	YES	YES
Ability to download all contents of a collection (at once)	YES	NO
Ability to download all contents of a textbook (at once)	NO	NO
Ability to migrate content from internal to external memory and vice-versa	YES	NO
Ability to delete and share content in bulk	YES	NO
Ability to view items in download queue	YES	NO
Content usage		
Ability to play ECML content	YES	YES
Ability to play MP4 (/video files) content	YES	YES
Ability to play HTML content	YES	YES
Ability to view courses	NO	YES
Ability to play YouTube content	NO	YES
Ability to play PDF content	NO	YES
Ability to flag content	NO	YES
Ability to rate content and give feedback	YES	NO
Content usage		
Search on Lessons & Home page		
Search content	YES	YES
Apply filters - basic	YES	YES
View search result as card and list	YES	NO
Auto-complete search string	YES	NO
Explore domain - concept map	YES	YES

Start creating from home & search page	YES	NO
Preview content page	YES	YES
Make copy of any content	YES	NO
Retire / Delete your content	YES	NO
Comment on content	YES	NO
Download content from preview page on web	YES	NO
Content history log	YES	NO
Add to collection from preview page	YES	NO
Like content	YES	NO
View content statistics - Rating, Performance, Assessment	YES	NO
Suggest changes in content details (metadata suggestions)	YES	NO
Lesson requests	YES	NO
Blog	YES	NO
Groups	YES	NO
Partners	YES	NO
Resources > Domains	YES	NO
Resources > Word Duniya	YES	NO
Resources > Questions	YES	NO
Resources > Media Library	YES	NO
Resources > Creators & Developers	YES	NO
Add friends & personal messaging	YES	NO
Notification (over email)	YES	NO
Notification (on website)	YES	NO
Support	YES	NO
Upload template & plugins	YES	NO
Create course	NO	YES
Create lesson plan	NO	YES
Review page with ability to publish or request changes	YES	YES
Flag review	YES	YES
Flag review using reasons & comments to communicate	YES	NO
Locking content for other editors / reviewers	YES	NO
CMS Capabilities	YES	NO
Google & Facebook Login	YES	NO

Issue Tracker

Issue No.	Description	Status	Project
https://github.com/ekstep/Community-Portal-Joomla/issues/6159	Reviewer Lock : Unable to release lock for author or collaborator after closing the content form/textbook form	Closed	Ekstep Portal
https://github.com/ekstep/Community-Portal-Joomla/issues/6133	Table of contents are not displayed after viewing searched books	Closed	Ekstep Portal
https://github.com/ekstep/Community-Portal-Joomla/issues/6143	Some Partner Page is not appearing on the portal	Open	Ekstep Portal
https://github.com/ekstep/Collection-Editor/issues/67	Collection Not Saving	Open	Content Framework
https://github.com/ekstep/CE-Core-Plugins/issues/722	Create-book: "Please update the collection details before save" pop up is displayed and user is not able to save the content	Open	Content Framework
https://github.com/ekstep/generic-editor/issues/23	Book : Create book : Add resource : Add Resource pop up is not displaying completely or fit to the screen	Closed	Content Framework
https://github.com/ekstep/generic-editor/issues/15	Create-book: content form : User is not able to scroll the page by using the scroller & couldn't save Keyword field	Closed	Content Framework
https://github.com/ekstep/Learning-Platform/issues/1062	Link cannot be seen neither in DRAFT, nor LIVE. It says under processing	Open	Learning Platform
https://github.com/ekstep/Community-Portal-Joomla/issues/6237	Question Bank: Create new question: The save or the remaining button is not enabled after filling the question title text field on create question page	Closed	Ekstep Portal

SB-1558	Release version should be displayed in Context Menu	New	Sunbird Backend (LMS)
https://github.com/ekstep/Field-Issues/issues/95	When org-admin changes the user roles, it is not reflected in production	New	Sunbird Backend (LMS)
https://github.com/project-sunbird/sunbird-portal/issues/198#issuecomment-361581571	Getting an error on home page after login	New	Sunbird Backend (LMS)
https://github.com/ekstep/Field-Issues/issues/60	Unable to see the Worksheets in DIKSHA which are created in community.ekstep.in	Open	Sunbird Portal
https://project-sunbird.atlassian.net/browse/SB-1474	Admin Dashboard : Download CSV	Closed	Sunbird Portal
https://project-sunbird.atlassian.net/browse/SB-1550	Create Book : User is unable to create book without providing ALL details in create popup	Closed	Sunbird Portal
https://project-sunbird.atlassian.net/browse/SB-1507	Home page : Strengthen your profile : The fields to update for profile completeness is not displayed properly	Closed	Sunbird Portal
https://project-sunbird.atlassian.net/browse/SB-738	Mobile App : Org name content font size should be increased	Closed	Sunbird Mobile App.
https://project-sunbird.atlassian.net/browse/SB-1417	App 1.0.60 staging : Login : "User is logging in to the App automatically and No data is displaying in profile screen"	Closed	Sunbird Mobile App.