

Sunbird™



# Release Notes

Release Version 1.7.0

June 14, 2018

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## Document Version History

Version Number	Original / Modified	Authored / Modified By	Date
1.0	Original	Documentation Team	June 14, 2018

## About this Document

This document provides details of features and enhancements made to Sunbird platform for the release version 1.7.0, Jun, 2018.

## Release Version

Project	Release Date	Release Version
Sunbird	June 14, 2018	V 1.7.0

## New Features

No.	Feature	Project	Description	JIRA details
1	Local Telemetry Storage	Sunbird	Sunbird instance has local telemetry storage. APIs developed to store telemetry data inside Sunbird and then forward it to EkStep platform. Currently, only Azure Blob store is supported	<a href="#">SB-766</a>
2	Channel based filtering	Sunbird	Channel based filtering of content	<a href="#">SB-2658</a>
3	All my content tab	Sunbird	In <b>Workspace</b> , user will see <b>All my content</b> tab. This tab displays all the users' content, across status, sorted as per the last updated on field	<a href="#">SB-3093</a>
4	Topics selector	Sunbird	The concept selector is modified based on the content framework to topic tree	<a href="#">SB-3099</a>
5	Relevant content categories under user profile	Sunbird Mobile App	Anonymous (guest) users on Sunbird Mobile app can see only content categories relevant for them	<a href="#">SB-3100</a>
6	Anonymous consumption web portal	Sunbird	Users can explore and browse the Sunbird portal as anonymous / guest users.	<a href="#">SB-3237</a>
7	Assign topics and sub-topics to the content in editor	Sunbird	The content framework allows hierarchy and association of terms across categories so that the values displayed in the current category are based on the values of the previous category. As part of this release, topics and sub-topics can be linked to content in the following editors: Content-Editor: <ul style="list-style-type: none"> <li>• Edit details</li> <li>• Activity Browser</li> <li>• Quiz/Assessment Browser</li> </ul> Generic-Editor: <ul style="list-style-type: none"> <li>• Edit details</li> </ul> Collection-Editor: <ul style="list-style-type: none"> <li>• Edit details</li> </ul>	<a href="#">SB-3259</a>

			<ul style="list-style-type: none"> <li>Content Browser</li> <li>Unit metadata page</li> </ul>	
8	Dynamic Question Templates	Sunbird	While creating questions, an internal API fetches all question templates. Users select their required template. On select, the associated form is displayed. This event also logs the appropriate telemetry.	<a href="#">SB-3349</a>
9	Display total score	Sunbird Mobile App	The user's total score is displayed after a user completes a quiz that is part of the content viewed. The score is displayed on Sunbird's content player. As part of the same feature, the content player's loading page background has been modified	<a href="#">SB-3697</a>
10	Changes in user onboarding	Sunbird Mobile App	The user onboarding workflow is modified	<a href="#">SB-3712</a>
11	Highlighting QR Code scanner	Sunbird Mobile App	The QR code scanner is highlighted when the application is launched for the first time. It should not be visible for next launch onwards	<a href="#">SB-3743</a>
12	Question (Quiz Plugin) search using framework (assume NCF)	Sunbird	The question set filter and search has the following framework categories: <ul style="list-style-type: none"> <li>Board</li> <li>Medium</li> <li>Subject</li> <li>Class</li> <li>My Question</li> <li>Difficulty level</li> <li>Question type</li> </ul>	<a href="#">SB-3754</a>

## Enhancements / Technical tasks

No.	Description	Project
1	An error message should be displayed if an organisation is created or updated with conflicting location codes. For every location code, corresponding parent and ancestor location IDs	<a href="#">SB-2686</a>

	need to be determined and automatically associated with given organisation.	
2	Removed unnecessary fields from <b>user</b> and <b>user_external_identity</b> tables in database to simplify workflow. The <b>User Bulk Upload API</b> and the <b>Keycloak API</b> are also modified.	<a href="#">SB-2994</a>
3	Perform bulk upload of locations at one time so that master data upload is convenient.	<a href="#">SB-3103</a>
4	The page cache time is modified from from 1 day to every 4 hours	<a href="#">SB-3902</a>
5	The feature of linking Assessment item with framework terms is tested and verified	<a href="#">SB-3912</a>
6	Remove angularJS dependency on renderer for the following plugins: <ul style="list-style-type: none"> <li>• Question Set (<a href="#">SB-3475</a>)</li> <li>• Question Unit (<a href="#">MCQ SB-3498</a>)</li> <li>• Question Unit (<a href="#">MTF SB-3706</a>)</li> <li>• Question Unit (<a href="#">FTB SB-3495</a>)</li> <li>• Keyboard (<a href="#">SB-3565</a>)</li> <li>• Feedback popup removing angularJS dependency (<a href="#">SB-3446</a>)</li> </ul>	<a href="#">SB-3234</a>
7	Whenever telemetry is generated, it should send data to the telemetry service, instead of directly writing it to the Ekstep platform	<a href="#">SB-3976</a>
8	The Sunbird instance has local telemetry storage. Currently, only Azure Blob store is supported.	<a href="#">SB-766</a>
9	On mouse hover, a tooltip displays the content title, if the content name is lengthy	<a href="#">SB-282</a>
10	<b>Show more</b> and <b>Show less</b> toggle displays the list of awards, when the number of awards is more than the display list configuration	<a href="#">SB-2446</a>
11	Channel based filtering of content	<a href="#">SB-2658</a>
12	FTB - Custom keyboard Indian language support has been enhanced to correct the deficiency of the characters CV and CVV being split on the keyboard.	<a href="#">SB-3091</a>
13	In Workspace, user will see an <b>All my content</b> tab. This tab displays all the users' content, across status, sorted as per the last updated on field.	<a href="#">SB-3093</a>
14	Topic Tree - As part of this release, the concepts selector is modified	<a href="#">SB-3099</a>

	based on the content framework	
15	Content listing under various categories should be relevant to the user profile	<a href="#">SB-3100</a>
16	Preview course content as per role	<a href="#">SB-3639</a>
17	Web portal is available for anonymous consumption by the users. Users information contains Content name with icon and resource type, last updated date time stamp	<a href="#">SB-3237</a>

## Deprecated Features

**Note:** No features are deprecated in this release.

## New and Enhanced API

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

No.	API Name	New/Enhanced APIs	API Documentation Link
1	User API	Enhanced	<a href="http://www.sunbird.org/apis/userapi/">http://www.sunbird.org/apis/userapi/</a>
2	Bulk upload API for users and organizations	Enhanced	<a href="http://www.sunbird.org/apis/bulkupload/">http://www.sunbird.org/apis/bulkupload/</a>
3	Location API	Enhanced	<a href="http://www.sunbird.org/apis/locationapi/">http://www.sunbird.org/apis/locationapi/</a>
4	Content API	Enhanced	<a href="http://www.sunbird.org/apis/content/">http://www.sunbird.org/apis/content/</a>
5	Organization Management	Enhanced	<a href="http://www.sunbird.org/apis/orgapi/">http://www.sunbird.org/apis/orgapi/</a>
6	Assessment API	Enhanced	<a href="http://www.sunbird.org/apis/assessmentapi/">http://www.sunbird.org/apis/assessmentapi/</a>

## 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 list available in the Sunbird.

The legends used for representing the features are 'Yes' or 'No' in Sunbird respectively., are

- Yes - Available
- No - Not available (In case the feature legend is set to 'No', it implicates that the feature can be expected in future releases)

Feature	Available in Sunbird
<b>Main functionality</b>	
Ability to share content	Yes
Ability to send and receive announcements	Yes
Provide more user information (Education, Experience, Social links)	Yes
See content created by the user	Yes
Separation of Courses, Resources in separate areas	Yes
Customization based on tenant / partner	Yes
Local summarizer	No
Multi-profiles management section	No
Downloads management section	No
Push notifications	No
Ability to share app	Yes
Ability to share telemetry	No
Ability to share user profiles	No
Ability to interact within groups	No
<b>Settings section</b>	
Language configuration	Yes
Data usage configuration	Yes
Device tagging (program tags)	No
Storing content on SD card instead of device	No

Device details sharing (+app version)	No
Privacy policy and terms of service	Yes
<b>Download management</b>	
Ability to download individual contents	Yes
Ability to download all contents of a collection (at once)	Yes
Ability to download all contents of a textbook (at once)	Yes
Ability to migrate content from internal to external memory and vice-versa	No
Ability to delete and share content in bulk	No
Ability to view items in download queue	No
<b>Content Usage</b>	
Ability to play ECML content	Yes
Ability to play MP4 (/video files) content	Yes
Ability to play HTML content	Yes
Ability to view courses	No
Ability to play YouTube content	Yes
Ability to play PDF content	Yes
Ability to flag content	Yes
Ability to rate content and give feedback	1/2
<b>Search on Lessons &amp; Home page</b>	
Search content	Yes
Apply filters - basic	Yes
View search result as card and list	No
Auto-complete search string	No
Explore domain - concept map	Yes
Start creating from home & search page	No
<b>Preview content page</b>	
Make copy of any content	Yes
Retire / Delete your content	Yes
Collaborate on a content	No
Comment on content	No
Download content from preview page on web	No



Content history log	No
Add to collection from preview page	No
Like content	No
View content statistics - Rating, Performance, Assessment	No
Suggest changes in content details (metadata suggestions)	No
<b>Lesson requests</b>	No
<b>Blog</b>	No
<b>Groups</b>	No
<b>Partners</b>	No
<b>Resources &gt; Domains</b>	No
<b>Resources &gt; Word Duniya</b>	No
<b>Resources &gt; Questions</b>	No
<b>Resources &gt; Media Library</b>	No
<b>Resources &gt; Creators &amp; Developers</b>	No
<b>Add friends &amp; personal messaging</b>	No
<b>Notification (over email)</b>	No
<b>Notification (on website)</b>	No
<b>Support</b>	No
Upload template & plugins	No
Create course	Yes
Create lesson plan	Yes
Review page with ability to publish or request changes	Yes
Flag review	Yes
Flag review using reasons & comments to communicate	No
Locking content for other editors / reviewers	No
<b>CMS Capabilities</b>	No
<b>Google &amp; Facebook Login</b>	No

## Issue Tracker

Issue Number	Description	Status	Project
<a href="#">SB-1582</a>	In most places, it's saying Unable to fetch data while navigating through the pages	Released	Sunbird
<a href="#">SB-1781</a>	<b>Reset Password</b> validation message position should be changed to top of the page	Released	Sunbird
<a href="#">SB-1997</a>	Profile - DOB field related	Closed	Sunbird
<a href="#">SB-2496</a>	<b>Workspace</b> : Search results are not appearing with upper case letters, <b>No search result</b> message is displayed	Closed	Sunbird
<a href="#">SB-2526</a>	User unable to see the <b>Facing a problem? Send us a message</b> in proper format	Released	Sunbird
<a href="#">SB-2532</a>	Suggested Content - Grade is taking higher relevance than Concept	Released	Sunbird
<a href="#">SB-2555</a>	User Upload: Formatted CSV file results in uploading some junk values	Closed	Sunbird
<a href="#">SB-2911</a>	<b>Submit</b> is not working properly in <b>Study Material &gt; Question Set</b>	Released	Sunbird
<a href="#">SB-2947</a>	Error not useful for Delete Badge Class API	Closed	Sunbird
<a href="#">SB-3092</a>	<b>Fill in The Blank</b> : Except English all languages displays incorrect answer even on entering the correct answer	Released	Sunbird
<a href="#">SB-3240</a>	English: Keyboard does not work on selecting custom keyboard <b>Fill in The Blank</b>	Released	Sunbird
<a href="#">SB-3249</a>	Multiple Choice Question: Lengthy questions does not displays audio option and are truncated in preview	Released	Sunbird
<a href="#">SB-3304</a>	Fill in The Blank: Unable to type lowercase letters if English keyboard is selected	Released	Sunbird
<a href="#">SB-3305</a>	Create a plugin to handle external Content Preview	Released	Sunbird
<a href="#">SB-3306</a>	ElasticSearch was getting installed in the first node and getting skipped in the other consequent nodes	Closed	Sunbird

<a href="#">SB-3364</a>	Missing ID in location bulk upload request status	Closed	Sunbird
<a href="#">SB-3595</a>	AILP - HTML plugin developed needs additional fields	Released	Sunbird
<a href="#">SB-3597</a>	User profile fetching profile failed error	Closed	Sunbird
<a href="#">SB-3598</a>	Auto Indexing of textbooks in App consumption leading to confusion	Closed	Sunbird Mobile App
<a href="#">SB-3627</a>	Updated scenarios	Released	Sunbird
<a href="#">SB-3628</a>	UI implementation in metaforms	Released	Sunbird
<a href="#">SB-3633</a>	Announcement Bugs	Released	Sunbird
<a href="#">SB-3641</a>	Badge assignment failing for textbooks	Closed	Sunbird
<a href="#">SB-3642</a>	Search+Filter flow breaks after playing a content	Released	Sunbird
<a href="#">SB-3673</a>	AILP - User Sign up failing randomly	Released	Sunbird
<a href="#">SB-3714</a>	Deep link - Black screen while Ecar import	Released	Sunbird
<a href="#">SB-3807</a>	Telemetry - object.type for all content objects is being sent in lower case	Released	Sunbird
<a href="#">SB-3808</a>	Telemetry - edata.type case in START and END events is mismatched	Released	Sunbird
<a href="#">SB-3809</a>	Telemetry - No correlation data present for QR analyses	Released	Sunbird
<a href="#">SB-3818</a>	Rows for <b>Books</b> and <b>Collections</b> on Sunbird should result in proper collection/book navigation	Released	Sunbird
<a href="#">SB-3955</a>	Bulk org upload not working	Released	Sunbird