Saving Data in the Student App

A Multifaceted Approach to Preserving Student Data

In an effort to mitigate the loss of data throughout the student app due to external factors, several preventative measures are in place. These measures to protect data have been implemented for Assignments, Assessments and Notebook entries. This change impacts all products on the ClassView platform, including iLit and myPerspectives ELD Companion. The following provides a high-level overview of the preventative measures:

> **Data Saving: User Interaction**: as users move through their activities, data is saved based on user input to include moving from tab-to-tab and selecting buttons, such as Submit or Exit.

> **Data Saving: Incremental Saving of Data**: for in-progress work that is not yet saved by user interaction, there is incremental saving of data that occurs via a configurable system timer across all users. The timer is currently set to 30 seconds.

> **Data Saving: User Kicked Out of the App**: student data is saved if the user is logged out due to Forced Logout or being automatically logged out after logging into another device.

> **Data Saving: Network Connectivity Drop:** student data is saved if there is a drop in device connectivity. Connectivity is checked every 30 seconds and upon loss of connection, the app will be locked until connectivity returns. Once re-established, the previous in-progress work is available and the user may continue.

Three Methods of Saving

In summary, there are essentially three ways data may be saved:

1. **Saved via Student**: students save their own work as they Save & Exit assignments or Save in the Student Notebook.
2. **Saved via Timer**: work is saved based on an incremental timer, without any action required on the part of the student.
3. **Saved via Action**: work that is saved automatically when an action is performed, such as tapping buttons while progressing through an assignment.

See the following chart for detailed specifications.

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Activity Type	TItle	Saved via Student	Saved via Timer	Saved via Action
Assignment	Interactive Reader	Yes	Yes: Summary and Read Critically	Reading Checkpoints, Get Feedback Button, Submit Summary Button, Read Critically Submit Button, Back Button
Assignment	Phonics	Yes	Yes	Final Submit Button, Back Button, Per Slide on Submit
Assignment	Word Study Practice/Reader	Yes	N/A	Final Submit Button, Back Button
Assignment	Study Plan	Yes	Yes	Submit Buttons of Pre-, Practice-, and Post-Test, Back Button of Pre and Post-Test
Assignment	Word Slam	Yes	Yes	Final Submit Button, Back Button
Assignment	Paragraph Writing	Yes	Yes	Get Feedback Button, Final Submit Button, Back Button
Assignment	Library Response Prompts	Yes	Yes	Get Feedback Button, Final Submit Button, Back Button
Assignment	iPractice	Yes	Yes	Final Submit Button, Back Button
Assignment	Essay Writing	Yes	Yes	Get Feedback Button, Final Submit Button, Back Button
Assignment	Word Reading	Yes	Yes	Part Submit, Final Submit, Close, Submit of each slide
Assignment	Reading Checks	Yes	Yes	Tab-to-tab movement, Submit Button, Back Button
Assessment	GRADE	Yes	Yes	Tab-to-tab movement, Submit Button, Back Button
Assessment	Benchmark Assessments	Yes	Yes	Tab-to-tab movement, Submit Button, Back Button
Notebook	Journal	Yes	Yes	Save Note button
Notebook	Word Bank	Yes	Yes	Save Note button
Notebook	Class Notes	Yes	Yes	Save Note button