**APP STATES**

1. **The various states that an app can enter on your platform of choice**

According to the user manual for available functions in React Native [1]. The various states that an app can enter on the cross-platform are:

* **active** - The app is running in the foreground.
* **background** - The app is running in the background. The user is either:
  + in another app
  + on the home screen
  + [Android] on another Activity (even if it was launched by your app)
* [iOS] **inactive** - This is a state that occurs when transitioning between foreground & background, and during periods of inactivity such as entering the multitasking view, opening the Notification Center or in the event of an incoming call.

*Note: It’s important to consider all possible states for Android and for iOS.*

1. **The various states that you must consider for your app, why you must consider it, and what must happen in each state.**

The various states for the LoveStoring – story crafter App are the following:

* **Active state:** The app must load all data that was saved before the last exit/ interruption. This state may be achieved because the user decided to kill the process that was running the app. So, the next time the user starts the app, all the data saved previously to exit will be there. A second reason why this might happen is because the user’s phone suddenly stopped and restarted, or the user decided to shut down the phone, or even because the user had no battery and the phone shut down.
* **Suspend stage:** The app must load all saved data before being suspended. One reason why this might happen is because the phone blocked itself due to inactivity.
* **Background state:** The user might have answered an incoming call, or a reminder popped up on the user’s screen. In these cases, the progress made by the user must be saved.

Things that will be saved:

* **User ID and password will be saved for a period.** The data stored will have an expiration time. If the user tries to log back in, the user account will be logged out automatically and the user will be asked to input its credentials again. This might happen every year; this will be later implemented to let the user decide how often its credentials should expire. For testing purposes, the credentials expire after 15 minutes right now.
* **User input in the CreateStory page will be saved as the user inputs new information.** If the app were terminated or moved to background, the data will be kept there. In this case the user won’t lose any of the progress made. This section needs to be improved as the age cannot yet be saved and the keyboard cannot be hidden in iOS devices.

1. **Additional notes**

To test the app, please use the following credentials:

* User: Admin
* Password: 12345

**References:**

[1] React Native. (n.d.). AppState. Retrieved May 5, 2024, from <https://reactnative.dev/docs/appstate>