Smart TV UX/UI Checklist

Safe Zone

- [ ] Check for any cropped content of the app on the screen
- [ ] All the titles and graphical elements must be inside the 5% margin of the TV screen

Remote Control Navigation

- [ ] UI elements must be laid out in a grid structure
- [ ] All the icons and buttons on the remote must match the action
- [ ] TV keyboard input layout must be in a grid system
- [ ] The system should retain the prior selection when the back button is pressed
- [ ] The user must be aware of their current location in a multi-level category or hierarchy and the means of navigation must be clearly indicated

Text Input Methods

- [ ] An external login process, such as a QR code or URL is provided
- [ ] Should have an alternative search function, such as autocomplete, auto-populate, suggestive tags, or keywords to avoid excessive typing
- [ ] The exit button, if present, should be easily noticeable and accessible
- [ ] Should provide an exit confirmation pop-up when the users try to exit the app
- [ ] The frequently used keys like delete, space bar, and back should be larger in size compared to others. Additionally, the keyboard layout should resemble the physical keyboard to reduce errors

Focus State

- [ ] The user must be aware of which UI element is currently selected
- [ ] The focused UI element uses a high-contrast color
- [ ] An audio feedback should be provided when the focus changes.
- [ ] The carousel indicator, indicating the number of contents, pages, videos, etc., must be recognizable

Color & Brightness

- [ ] White color space or background must avoid pure white (#ffffff)
- [ ] The primary UI elements and backgrounds should use cooler, calmer, and darker colors

Typography

- [ ] The average title text should be between 64-76px
- [ ] The average subtitle text should be between 32-36px
- [ ] The average category title text should be between 28-34px
- [ ] The average body text should be between 28-32px
- [ ] The text should be readable for users from a recommended viewing distance based on the screen size (e.g. thickness, italics, typefaces, etc.)

Information Architecture

- [ ] The IA should not exceed three levels of depth
- [ ] When a video is being played, related or recommended content is displayed with the same level of hierarchy