

Test Case ID	Test Case Description	Test Steps (Overview)	Simplified Requirement
Installation and App Information			
T-VZAPR-INAI-INST-00100.00	Verify the application can successfully uploaded to the PC from the ZON and synced to the device. Following the sync, the application must be installed and launched on the device.	Download the application to your PC from the ZON and then sync with your device. The application should be installed successfully.	The application should be present and allow for upload from ZON, should install without issue and launch once installed on the device.
T-VZAPR-INAI-VER-00200.00	Verify that the application version information found within the application on the test device matches the version information provided by the developer in the release notes.	Launch the application and locate the version information displayed in the application. Ensure that this version matches the version number provided by the developer in the release notes.	"Version information should be the same in the application and provided by the developer in the release notes. NOTE: Do not file bug if version information differs by minor punctuation."
T-VZAPR-INAI-EULA-00300.00	Verify application does not require user to accept an End User License Agreement in order to use app.	Launch the application and ensure that the user is not required to accept any License Agreement or Terms and Conditions in order to use the application. It is considered acceptable if the user is prompted to view the EULA, LA or T&C on a separate website.	A EULA must not display (or any kind of agreement) that requires user to accept it in order to use app. NOTE: EULA may be called something different in the app but in no case can it force the user to accept before being able to use the app. OK for the user to be prompted that the EULA is available on a website but it cannot be present on the device.
T-VZAPR-INAI-SRVY-00400.00	Verify a survey does not display which a customer must enter contact information when the app is run for the first time.	Launch the application and ensure that the user is not required/forced or prompted to fill out a survey. It is considered acceptable if the user has the option to opt-out of the survey.	No survey should display when app is run for the first time. IF a survey does display it MUST have the option to opt out of survey. Users must not be forced to participate in any kind of survey, especially those that ask user to enter personal information, example age or sex.
T-VZAPR-INAI-PRIV-00500.00	Verify user is not asked for email information to receive promotions.	Launch the application and ensure that the user is not prompted for personal/contact information in order to receive promotions of any kind whatsoever.	Verify user is not asked for any kind of personal information, i.e., contact info, in order to receive promotions of any kind.
T-VZAPR-INAI-NAME-00600.00	Verify that the application refers to itself with a common naming scheme on ZON, in Developer's release notes, on the device, and the application splash screen. This does not necessarily mean they are exactly the same.	The application should use a common naming scheme, and wherever the app name is found (whether inside the application such as the menu or the splash screen, on ZON, or in the developer notes) it should be consistent.	Verify application names should be consistent throughout the various areas and the application itself.
T-VZAPR-INAI-HELP-00700.00	The application must contain an About screen. About content should list author information and possibly version number.	Launch the application and locate the "About" section. The about information should usually contain the developer and the version number. Also ensure that the about information does not contain any non-specific carrier messages (such as "Your carrier...").	Verify that the application displays an About Screen and that all displayed information is correct and does not contain any references to other, non-VZW carriers. NOTE: It is acceptable if the application features this content in multiple locations, i.e. version info on main menu screen and developer information in "Credits".
Functionality and User Interface			
T-VZAPR-FNUI-PER-00100.00	Verify the application responds to user input within a reasonable amount of time. The application should not respond sluggishly to user input.	Launch the application and use every part of the application. Ensure that the application does not respond slow to user input, and that when a button is pressed a response is received almost immediately.	Verify the application displays the data entry or display objects respond with the navigation buttons being depressed.

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T-VZAPR-FNUI-KEY-00200.00	Verify all navigation keys/buttons work correctly within the application. User should be able to navigate appropriately between and within screens.	Navigate through the application using the navigation buttons and ensure that you are able to navigate to all areas of the application using the navigation buttons.	Verify that each navigation key/button works correctly and is appropriate based on the device platform.
T-VZAPR-FNUI-KEY-00210.00	Verify Send and End Keys function as originally intended by the device. Send key and End key have no overriding function set by the application.	Launch the application and select Send and End Keys to ensure native device functionality.	Verify that when Send key is selected in the application that the devices dialer launch and the application is minimized. Verify that when pressing the End key in the application the user is returned to device idle screen.
T-VZAPR-FNUI-KEY-00220.00	Verify CLR/Back Key behavior.	Begin using application, For game applications, start playing the game. For business applications, begin entering data and select the CLR/Back key.	A short press of the "BACK" key shall return to previous screen or pause.
T-VZAPR-FNUI-KEY-00230.00	Verify Menu Key Behavior.	Begin using application, For game applications, start playing the game. For business applications, begin entering data and select the Menu key.	A short press of the "MENU" key shall bring up the Main Menu. Note: (Not on RIM devices!) A long press of the MENU Key shall bring up the Multi-tasking picker which will display running applications. Additional Note: RIM BB Menu Key : While an application is in use, the BlackBerry Menu key should open a menu associated with the application. Whether that menu is a pop-up or a window should be left to the discretion of the developer. Acceptable behavior is that the BlackBerry Menu Key opens a native device menu.
T-VZAPR-FNUI-KEY-00240.00	Verify External link behavior inside the application.	Begin using the application, Select "More Games" or any link that takes the user outside of the application. ***Only applies if option is available.	Verify the link away connection can be established and that the expected content is presented to the user.
T-VZAPR-FNUI-ICON-00300.00	Verify application icons do not duplicate other ZON application icons or standard handset icons, except where an application icon's functionality is the same as that of the corresponding handset icon. Verify the icon is clear, visible, and appropriate. The application icon must not use the generic application icon or a broken image. Any suspicious icons are to be reported. Any icons displayed by the application should be unique, easily distinguishable and appropriate.	Visual observation: ensure that the icons that the application uses, and the icon for the application itself, are not duplicates of other ZON applications or standard handset icons (except where the functionality is the same as the handset function associated with that icon). The default application icon and a broken image icon are unacceptable icons.	Verify that all ZON applications have unique icons that are clear, visible, and appropriate.
T-VZAPR-FNUI-TXT-00400.00	Verify all screen content is readable to the naked eye. All screen content in each screen should be easily readable.	Visual observation: ensure that all content is legible and can be read by the naked eye.	Verify that the text, and graphics are readable.

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T-VZAPR-FNUI-TXT-00500.00	If an application allows data entry, verify a cursor is inserted at the end of all data entry fields when focused. Cursor should be positioned at end of all data entry fields.	Navigate to all areas of the application which allow text input. Enter text and ensure that a cursor is always placed at the end of the text being entered. If possible, leave the text entry field and return to it to ensure that the text cursor is still at the end of the previously entered text.	Verify that a cursor is present in each data entry field.
T-VZAPR-FNUI-TXT-00600.00	Verify that text in the application is not truncated. The application should not display any truncated text.	Navigate through all parts of the application and ensure that no content has been truncated or is only partially visible.	Verify that all displayed text is not truncated.
T-VZAPR-FNUI-SCR-00700.00	Verify the scroll function works correctly for screens containing scrolling text boxes. Scroll function should work correctly within scrolling text boxes.	Navigate to all areas of the application which contain scrolling content (this can be with an actual scrollbar or up/down icons). Ensure that all text can be scrolled to and viewed properly.	Verify that any text that cannot be displayed on the screen can be scrolled to.
T-VZAPR-FNUI-TIME-00800.00	Verify that all timers within the application function as expected. Any timers within the application should function appropriately.	Navigate to any areas of the application where a timer is present. Ensure that the timer either halts or persists when the user pauses the application, depending on the expected behavior.	Verify the timer event occurs at the correct interval. This may be a game ending the current round, etc.
T-VZAPR-FNUI-TIME-00900.00	If supported, verify the application can successfully be paused and resumed. The application should pause and resume appropriately if it supports this feature.	If the application supports pause/resume capabilities, ensure that the user is able to pause or resume successfully without any issues.	Verify the application pauses notifying the user it is paused and resumes when appropriate with no unexpected results.
T-VZAPR-FNUI-IOP-01000.00	The application must interface with OS basic functionalities: Time/Date, messaging, etc.	Ensure that the application integrates with the OS's built-in functionality. For instance, if the application is a reminder application, ensure that it integrates with the OS calendar/clock properly and does not use its own exclusive calendar/clock.	Verify that application displays the same information as the device's OS. (Please note this only applies to applications that provide this type of information.) NOTE: Email applications may feature deviations on time-stamp information based on the account type/source.
T-VZAPR-FNUI-PER-01100.00	Verified that all screens, in all modes of the application function properly with reasonable performance. Graphics refresh without "flashing".	Visual observation: navigate throughout the application and ensure that the screen does not flicker or flash.	Verify the application's graphics refresh without "flashing".
T-VZAPR-FNUI-RES-01200.00	Proper Resolution	Launch the application and enter into every part of the application's UI. Ensure that all graphics and UI use the device's native resolution and do not appear stretched, displaced or truncated.	Verify the application's screen size (resolution) is formatted correctly to fit the device.
T-VZAPR-FNUI-SND-01300.00	Verify application sound settings function as expected in conjunction with device sound settings.	Navigate to the device sound settings and set them to all sounds off. Launch the application and verify that sounds are no longer audible. Navigate to device sound settings and set them to normal/on. Launch the application and verify sound is audible at an acceptable level.	Applications sound is to be in conjunction with the device sound settings when device sounds are turn off or on.

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Stress-Error Handling			
T-VZAPR-STRE-DATA-00100.00	Verify data is saved or user is prompted to save data when using the clear/back button while entering data in the application. The application should automatically save data, prompt user to save, or warn of data loss when the clear button is pressed.	Launch the application and begin using it. If it is a game, start playing the game. If it is a business application, begin entering data. In the middle of using the application, press the CLR or BACK key. Ensure that if the CLR/BACK key is designed to return to a previous menu or exit from the application, that the user is prompted of potential data loss.	Verify that the user is prompted to save the data, it is automatically saved or the user is warned of possible data loss prior to exiting the application.
T-VZAPR-STRE-DATA-00200.00	If the application saves data, verify the application behaves correctly when the maximum records are added within the application. (i.e. some applications may only save one record, current level, high score, etc). The application should allow data to be added without affecting normal operation.	If the application saves data, attempt to fill the device to the maximum. The application should behave properly when the maximum number of entries have been filled and/or device storage has been filled up.	Verify that after data is entered the application continues to function normally.
T-VZAPR-STRE-DATA-00300.00	The application must preserve and display the user preferences.	If the application was designed to keep track of user preferences, ensure that it does so properly. Set a preference and save your preferences, then exit the application and start it again.	Verify that application preserves and displays the user preferences correctly, where applicable.
T-VZAPR-STRE-LBAT-00400.00	Verify the application gracefully handles receiving a 'Low Battery' warning message. The application should handle the message interruption for a low battery condition and return the user to the appropriate screen.	Begin using the application when the device battery is low. If a battery alert interrupts the use of the application, ensure that the application does not behave abnormally before/during/after the alert. After the alert has been dismissed, ensure the user is returned to the previous screen and that, for example, their data was not lost.	Verify the application returns the user to the screen the user was on after dismissing the low battery warning.
T-VZAPR-STRE-RNDM-00500.00	Verify the application gracefully handles rapid/random key presses while in use.	Launch the application and during normal use of the application, press all the keys on the device which would not minimize or exit the application (such as the End key or camera key, etc). Ensure that the application functions properly when interrupted by random key presses.	Verify the application does not "crash" or "lock-up".
T-VZAPR-STRE-MLTI-00600.00	Switch applications when using the application under testing. The application must release control and not interfere with other running applications on the device.	Launch an application on the device separate than the tested application. Then launch the application under test. Switch from the application being tested to the other application and ensure that the user is able to use the other application without complication.	Verify the application under testing releases control and does not interfere with other running applications.
T-VZAPR-STRE-DVCE-00700.00	Application must gracefully handle any native device functions (such as slide or clamshell close for e.g.).	Launch the application and test functionality exclusive to the device, such as clamshell close, slider close, touch screen events, etc.	Verify the application transfers screens, audio, minimizes, etc... as expected and gracefully.

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T-VZAPR-STRE-ORIE-00800.00	The application should gracefully handle a change in screen orientation (landscape mode to portrait mode and visa versa).	If the device supports changing screen orientation, ensure that the application handles a change in screen orientation properly. While using the application, change screen orientation.	Verify the application handles this function gracefully for all scenarios (left landscape, right landscape and portrait modes for e.g.).
T-VZAPR-STRE-DATA-00900.00	No data corruption. Quick response and operational time. No resets, invalid operations, or crashes with other applications installed from ZON	Install other applications from ZON. Launch and navigate throughout the application. Ensure that the application does not conflict with other installed ZON applications.	Verify quick response and operational time to user input. Also there are there are no data corruptions, resets, invalid operations, or crashes when other applications are installed from ZON.
T-VZAPR-STRE-SMS-01000.00	SMS Interrupt	While using the application, send an SMS message to the device. Send both a short (less than 100 characters) and a long (more than 100 characters) SMS to ensure graceful behavior for both.	Verify the application gracefully handles an incoming SMS message during normal operation.
T-VZAPR-STRE-GINT-01100.00	General Interrupt	While using the application, interrupt normal operation with other forms of interrupts: attempt to send a bluetooth file to the device, force the device to lose signal strength, PIM, etc. Ensure that the device behaves properly when interrupted by device functions.	Verify the application gracefully handles any other kind of device supported interrupt (Bluetooth notification, PIM, loss of signal, etc...).
Miscellaneous			
T-VZAPR-MISC-MISC-00100.00	Use this test case to enter defects not covered by any test cases.	This test case is used to report any defects found during application testing that are high severity, but not covered by the test suite.	Verify the application does not feature any defects not covered by the test suite.