***Check list and check application Music Player-Audio Player (версия 6.5.0)***

Android device Honor 8x

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| **Number** | **Description** | **Example** | | **Result** |
| **Functional testing** | | | | |
|  | Check the installation of the application on the phone, whether the application occupies the specified size | Application size 5.6 MB | The application is installed, takes 28.13 mb | |
|  | Check if the application was deleted, there are no unnecessary files in the system, nothing was cached anywhere | Files in internal memory  The files are cached or not | Application deleted, no application files in internal memory, not cached | |
|  | Check if the application is updated automatically or manually | Updating the app via Play Market,  notification when manually updating "New version of the application is available" update | When updates are available, it is updated manually | |
|  | Check that the application is running | App icon appears, download circle | The application is launched | |
|  | Checking the performance of the application's basic functionality | Play/pause/switch music files by album, artist, genre, song, playlist, folder, and artist album  Play/play/pause via wired headphones, speakers, bluetooth headphones, headset speaker | The application plays, pauses, and switches music files,  Plays,plays,pauses wired headphones,speakers,bluetooth headphones,headset speaker | |
|  | Checking the correct error display |  | Displayed correctly | |
|  | Checking the operation of the application files | Send, Receive,  Browse files | Files are not sent, cannot be received, viewed | |
|  | Timeout testing | Lock your phone when music is playing in the app | The app works | |
|  | Testing plugs | Improve sound quality and effects | Functions are not available without headphones, notice "Sound effects can only be used if headphones are connected or a Bluetooth headset is compatible. | |
|  | Pop-up check | Phone call, window pops up | Music in the app is interrupted | |
|  | Check alerts | A message came to my phone from another app about an error | Music in the app is produced further | |
|  | Scroll/Swipe elements | In the setting there is an option to change the song, you must turn it on to work | The function works correctly | |
|  | Checking PUSH notifications | Notifications from social networks (Instagram, Facebook, Tick tock, Twitter) messengers (Viber, Telegram,  Wottssap ) | When receiving notifications the application works correctly | |
|  | Checking to minimize/expand the application |  | The application minimizes and unfolds correctly | |
|  | Checking for Different Connection Types | cellular / Wi-Fi | The app works without a cellular/Wi-Fi connection | |
|  | Checking for screen orientation | landscape/portrait | Application in landscape and portrait orientation of the screen, works correctly, displays everything correctly | |
|  | Dark/Light Theme Application Check | Switching between day and night mode (dark, light theme) | The app has this option | |
|  | Checking the display of ads in the app | Ads in the form of images, short videos, displayed in the middle (full or not full screen) and the bottom, to remove it, you must click on the cross in the upper right or left corner | Ads are present in the app until you manually remove them | |
|  | Social Content Sharing Verification | Click on the 3 buttons in the upper corner of the song, a pop-up window will appear in which select the "share" button, a window will appear with a choice of social networks (instagram, facebook, twiter) | The function works correctly | |
|  | Checking the Application Work in the Background | In the settings of the application there is an option "open in background mode" | The app uses mobile SIM card data | |
|  | Checking the Privacy Policy and other links to documents |  | No option | |
| **Interoperability testing** | | | | |
|  | Correct display of geolocation |  | No option | |
|  | Information about operations | Checks, receipts | No option | |
|  | Different payment methods | Google Pay, Apple Pay | No option | |
|  | Sensor testing | Turn and shake the phone | The sensors work correctly | |
|  | Interrupt testing | Incoming call (viber, telegram, whatsapp), sms (from the phone), push (viber, telegram, whatsapp, instagram, tiktok, facebook), alarm clock, Do Not Disturb mode | During a call, the window pops up, the music stops, when receiving sms,push notifications, the window pops up, the music continues to play | |
|  | Connecting external devices | Connecting wired headphones, speakers, Bluetooth headphones, memory card speaker, smart clock (with the ability to switch, pause, play back the song) | The device with the application and headphones, speakers interact correctly, the music is played,  The app reads music from the memory card, interacts with the smart watch | |
| **Security and access control testing** | | | | |
|  | Permission Testing | A window appears requesting access to photo, multimedia, internal memory, device files, microphone | The app requests access | |
|  | User data is not transmitted publicly | passwords | No option | |
|  | Check in fields, with password entry and password confirmation, data are hidden by asterisks |  | No option | |
| **Localization and globalization testing** | | | | |
|  | Check that all elements in the application are translated into the appropriate language | The presence in the application switching between Ukrainian, English | In the application there is no Ukrainian language, the main Russian language, it is possible to switch to English | |
|  | Check that the texts are embedded within the application and the user can set the desired language in the settings of the application |  | There is no option to set the desired language in the application | |
|  | Checking for language-dependent texts in the system settings |  | In the appendix the texts depend on the system language | |
|  | Check for correct display of date formats | day - month - year, 00:00 AM/PM | The application uses the system format of the device | |
|  | Checking for Correct Time Display Depending on Time Zone | 00:00 AM/PM (GMT+3) | Displayed correctly | |
| **Usability testing** | | | | |
|  | Checking for correct display of items on devices with different screen resolutions | Screen expansion 1080\*2388 | Elements are displayed correctly | |
|  | Check that all fonts meet the requirements |  | The fonts meet the requirements | |
|  | Check that all texts are properly aligned |  | The texts are properly aligned | |
|  | Check that all error messages are correct, with no spelling or grammatical errors |  | All error messages are correct, with no spelling or grammatical errors | |
|  | Checking for correct display of screen headers |  | Titles are displayed correctly | |
|  | Search strings contain placeholders |  | Missing | |
|  | Inactive items are displayed in gray | Buttons to turn on and off in the settings | Displayed in gray | |
|  | The links to the documents lead to the relevant section on the website |  | Missing | |
|  | Animation between transitions |  | Missing | |
|  | Correct return to the previous screen |  | Return to the previous screen is correct | |
|  | Basic touch screen gestures are supported | swipe back,up,down,right,left, tap, double tap, press and hold, drag-and-drop, pinch spreadrotate touch select multiple objects | Supports only swipe back, tap | |
| **Stress testing** | | | | |
|  | Memory Lack |  | The "Not enough memory" window appears | |
|  | Battery load | Low battery level | The application works | |
| **Performance testing** | | | | |
|  | Application load time | 00:02.85 | Application download time 00:02.85 seconds | |
|  | Data caching |  | Data is cached in the internal memory of the device | |
|  | Application resource consumption | mobile data usage  battery consumption | The app uses 5.66 mb per day, uses 11.23% of battery power | |