Qualcomm Developer Project Music Player Demo

Project Submission

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| **Project Title**\* | **Music Player** | |
| **Images**  *Upload up to 5 images of your project*  *Please submit/send the original JPEG/PNG files for all images included in the document* | **8380 Development Kit**  **8380 拓扑图.drawio** | |
| **Description**\*  *High level description of the project* ***(75 words or less)*** | A simple, user-friendly music player built with C# using Windows Forms. It's designed to provide a seamless and intuitive experience for playing your music library. | |
| **Objective**   * *What inspired you to create this project?* * *What is your desired outcome?* | Develop a mini program that can run on Windows on Snapdragon and perform some simple functional operations. | |
| **Materials Required / Parts List / Tools** | Part Name | Link to purchase |
| 8380 Development Kit |  |
| USB Line | https://item.jd.com/40759941966.html |
| Charger | https://gstreamer.freedesktop.org/ |
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| **Source Code / Source Examples / Application Executable**  *Link to open source / shareable code repository* | Description | Link |
| Source Code | https://github.com/ThunderSoft-XA/8380DK-Music-Player-demo |
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| **Additional Resources**  *List related links or resources such as websites, videos, presentations, or other materials* | Resource Title | Link or File Name (and provide file) |
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| **Build / Assembly Instructions** | Sample outline:  1. \*\*Install .NET Framework\*\*: Ensure you have the .NET Framework installed on your computer. If it's not already installed, you can download it from [Microsoft's .NET website](https://dotnet.microsoft.com/download).  2. \*\*Compile and Run\*\*: Compile the project then run the application.  3. \*\*Start Using the App\*\*: Once the app is running, you can start adding music files to your playlist. | |
| **Usage Instructions** | The Demo running results are as follows：  final result: | |
| **Contributor(s) Info**  *Feel free to include headshots!* | Name | Title  Company |
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Filters and Tags for QDN projects page

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| **Platform/Hardware** | CSR 101x/102x Bluetooth  DragonBoard 410c  mangOH Red/Yellow  Qualcomm C8550 | MDM920x LTE for IoT  QCA-402x WiFi/BLE/Zigbee  Qualcomm Robotics RBx Dev Kit  Qualcomm 8380 |
| **Software Tools** | 3D Audio Plugin for Unity  Adreno GPU SDK  Hexagon DSP SDK | Neural Processing SDK for AI  　Snapdragon Profiler |
| **Operating System** | Android  Linux  ThreadX RTOS | Ubuntu Core  Windows |
| **Cloud Services/Platform** | Sierra Wireless AirVantage  Gizwits Cloud Platform  AT&T M2X  IBM Bluemix | IBM Watson IoT  Microsoft Azure IoT  Amazon AWS IoT |
| **Skill Level Required** | Advanced  Beginner  Intermediate |  |
| **Areas of Focus** | 3D Printing & Modeling  Alexa Voice Service  Artificial Intelligence  Bluetooth  Computer Vision  Digital Signage  Education  Embedded  Gaming  Application | Healthcare  IoT  Robotics  Security  Sensors  Smart Cities  Smart Home  Toys |

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