**Panda Music Database Backup/Restore Instructions Manual**

**1. Installing and Populating the Database in SSMS**

1. Download the Panda\_music.bak file and move it or copy it to:

**C:\Program Files/Microsoft SQL Server/MSSQL16.MSSQLSERVER/MSSQL/Backup**

1. Open SQL Server Management Studio (SSMS) and connect to your SQL Server instance by entering your details and credentials.
2. **Right click** on the **database folder** in Object Explorer
3. Select **restore database**.
4. In the pop-up select **device** and the **[…]** button to the right.
5. Click **add**.
6. Select the Panda\_Music.bak file and click **OK**.
7. Click verify backup media and select **OK**.

**2. Backing Up the Database**

**Step 1: Open the Backup Wizard**

1. In the **Object Explorer**, right-click on the Panda Music database.
2. Hover over **Tasks** and select **Back Up...** from the submenu.

**Step 2: Configure the Backup Settings**

1. In the **Back Up Database** dialog box, ensure the correct database is selected.
2. Under **Backup type**, choose **Full**.
3. In the **Destination** section, select **Disk** and then click **Add**.
4. Choose the location and file name for the backup file. Make sure to use a .bak file extension (e.g., Panda\_Music.bak).
5. Click **OK** to confirm the backup destination.

**Step 3: Perform the Backup**

1. Review the backup settings and click **OK** to start the backup.
2. A confirmation message will appear once the backup is complete.

**3. Restoring the Database from a Backup**

**Step 1: Open the Restore Wizard**

1. In the **Object Explorer**, right-click on **Databases** and select **Restore Database...**.

**Step 2: Configure the Restore Settings**

1. Under **Source**, select **Device** and then click **...** to browse for the backup file.
2. Click **Add**, navigate to the location of the backup file (Panda\_Music.bak), and select it. Click **OK**.
3. In the **Restore Database** dialog, verify that the correct backup set is selected.

**Step 3: Configure Options (if necessary)**

1. Go to the **Options** page on the left.
2. If you need to overwrite an existing database, select **Overwrite the existing database (WITH REPLACE)**.
3. Review other options as needed, then click **OK**.

**Step 4: Perform the Restore**

1. Click **OK** to begin the restoration process.
2. Once the restoration is complete, a confirmation message will appear.

Your Panda Music database should now be successfully restored and ready for use.