# Use cases

**Use Case :** Add Album

**Successful Outcome :** The Occupant creates a new album.

|  |  |
| --- | --- |
| **Use Case Package** | Album Management |
| **ID** | UC-AM-01 |
| **Use Case Goal** | Primary actor successfully adds a new Album |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | - |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to add a new Album. |
| 2. | System prompts Primary Actor to select the Album to add. |
| 3. | System saves the new Album. |
| 4. | Use case ends successfully. |

**Use Case :** Delete Album

**Successful Outcome :** The Occupant deletes an existing album.

|  |  |
| --- | --- |
| **Use Case Package** | Album Management |
| **ID** | UC-AM-02 |
| **Use Case Goal** | Primary actor successfully deletes an existing Album |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has added atleast one album in the list as per UC-AM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to delete an existing Album. |
| 2. | System prompts Primary Actor to select the Album to delete. |
| 3. | System delete the Album from the list. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | The list of albums is empty. |
| 2a.2 | Use case ends unsuccessfully. |

**Use Case :** Create Playlist

**Successful Outcome :** The Occupant creates a new playlist.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-01 |
| **Use Case Goal** | Primary actor successfully creates a new Playlist |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | - |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to create a new Playlist. |
| 2. | System prompts Primary Actor to enter a new Playlist in-formation. |
| 3. | System saves the new Playlist. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | Primary Actor enters information for the Playlist name that is already been used by another Playlist. |
| 2a.2 | System returns control to Main Success Scenario Step 2. |

**Use Case :** Manage Playlist

**Successful Outcome :** The Occupant selects a Playlist to manage.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-02 |
| **Use Case Goal** | Primary actor successfully selects a Playlist |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has created atleast one Playlist as per UC-PM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to select a Playlist. |
| 2. | System prompts Primary Actor which Playlist to select. |
| 3. | System selects the specified Playlist and present it to the Primary Actor. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | The list of Playlists is empty. |
| 2a.2 | System returns control to Main Success Scenario Step 2. |

**Use Case :** Add Song «extends» Manage Playlist

**Successful Outcome :** The Occupant adds a song to the selected Playlist.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-03 |
| **Use Case Goal** | Primary actor successfully adds a Song to a Playlist |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has selected a Playlist as per UC-PM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to add a song to the selected Playlist. |
| 2. | System prompts Primary Actor which song to add. |
| 3. | System adds the selected song to the Playlist. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | The list of Albums is empty, no album were previously added per UC-AM-01. |
| 2a.2 | Use case ends unsuccessfully. |

**Use Case :** Delete Song «extends» Manage Playlist

**Successful Outcome :** The Occupant delete a song in the selected Playlist.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-04 |
| **Use Case Goal** | Primary actor successfully deletes a Song from a Playlist |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has selected a Playlist as per UC-PM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to delete a song from the selected Playlist. |
| 2. | System prompts Primary Actor which song to delete. |
| 3. | System deletes the selected song from the Playlist. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | The list of Playlist is empty, no songs were previously added in the Playlist per UC-PM-03. |
| 2a.2 | Use case ends unsuccessfully. |

**Use Case :** Delete Playlist «extends» Manage Playlist

**Successful Outcome :** The Occupant delete the selected Playlist.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-05 |
| **Use Case Goal** | Primary actor successfully deletes the selected Playlist |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has selected a Playlist as per UC-PM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to delete the selected Playlist. |
| 2. | System deletes the selected song from the Playlist. |
| 3. | Use case ends successfully. |

**Use Case :** Change Order «extends» Manage Playlist

**Successful Outcome :** The Occupant changes the order of the Songs in a Playlist.

|  |  |
| --- | --- |
| **Use Case Package** | Playlist Management |
| **ID** | UC-PM-06 |
| **Use Case Goal** | Primary actor successfully changes the order of the songs |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | Occupant has selected a Playlist as per UC-PM-01 |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to change the order of appearance of the Songs in the Playlist : by alphabetical order, by Artist. |
| 2. | System prompts Primary Actor to choose an order of appearance. |
| 3. | System reorders the Songs in the Playlist. |
| 4. | Use case ends successfully. |

**Use Case :** Set Locations in house

**Successful Outcome :** The Occupant sets up the locations with audio systems.

|  |  |
| --- | --- |
| **Use Case Package** | Audio Systems Management |
| **ID** | UC-AM-01 |
| **Use Case Goal** | Primary actor successfully sets up location with audio system |
| **Actor(s)** | Primary actor: Occupant |
| **Level** | User-Goal |
| **Precondition** | - |
| **Domain Entities** | Occupant |

**Main Success Scenario:**

|  |  |
| --- | --- |
| **Step** | Action |
| 1. | Primary Actor indicates intention to set up locations with audio system in the house. |
| 2. | System prompts Primary Actor which the list of the available locations to set up. |
| 3. | System sets up the list of the locations in the house where music can be played. |
| 4. | Use case ends successfully. |

**Alternative Flows:**

|  |  |
| --- | --- |
| **Step** | Action |
| 2a.1 | The location chosen by the Primary actor has no audio system. |
| 2a.2 | User aborts. |
| 2a.3 | Use case ends unsuccessfully. |