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| Use Case | 1 |
| Context | User logins into the app. |
| Precondition | User is at the login screen. |
| Scenarios | 1. User logins as guest.  * User presses the Guest button. * User selects yes on the prompt.  1. User logins as existing user.  * User fills in the username and password. * User presses the login button.  1. User logins as new user.  * User presses the new button. * User creates new account. |
| Exceptions | 1. User enters wrong username or password in login page. 2. User enters invalid username in account creation. |

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| Use Case | 2 |
| Context | User creates new account. |
| Precondition | User is at the login screen. |
| Scenarios | 1. User is new user.  * User presses the new button. * User clicks the account creation row. * User enters valid username and presses check button. * User enters same password twice. * User presses create button. |
| Exceptions | 1. User enters invalid username in account creation. |

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| Use Case | 3 |
| Context | User changes username. |
| Precondition | User has login into app as existing user. |
| Scenarios | 1. User is existing user.  * User clicks the change username row. * User enters valid username and presses check button. * User presses change button. |
| Exceptions | 1. User enters invalid username in change username. |

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| Use Case | 4 |
| Context | User changes password. |
| Precondition | User has login into app as existing user. |
| Scenarios | 1. User is existing user.  * User clicks the change password row. * User enters same password twice. * User presses change button. |
| Exceptions | 1. User enters different password in the two rows in change password. |

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| Use Case | 5 |
| Context | User deletes account. |
| Precondition | User has login into app as existing user. |
| Scenarios | 1. User is existing user.  * User clicks the account deletion row. * User presses delete button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 6 |
| Context | User enters main menu. |
| Precondition | User has login into app as user. |
| Scenarios | 1. User is existing user.  * User clicks login button at the bottom.  1. User is guest user.  * User is already at main menu. |
| Exceptions | - |

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| Use Case | 7 |
| Context | User goes to different activity. |
| Precondition | User has entered main menu. |
| Scenarios | 1. User is in the main menu.  * User clicks the image of the activity on the bottom navigator. |
| Exceptions | - |

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| Use Case | 8 |
| Context | User goes to different fragment of the same activity. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User likes to tap.  * User clicks the tab text on the tab layout.  1. User likes to swipe.  * User swipes left or right on screen. |
| Exceptions | - |

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| Use Case | 9 |
| Context | User sorts song list. |
| Precondition | User has entered the songs fragment of the music activity. |
| Scenarios | 1. User is in the songs fragment of the music activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 10 |
| Context | User adds new song to app. |
| Precondition | User has entered the songs fragment of the music activity. |
| Scenarios | 1. User is in the songs fragment of the music activity.  * User presses the floating plus button. * User finds song to be added in the phone. * User adds new song to app. |
| Exceptions | 1. User cannot find song file. 2. User adds invalid file type. |

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| Use Case | 11 |
| Context | User changes song name. |
| Precondition | User has entered the songs fragment of the music activity. |
| Scenarios | 1. User is in the songs fragment of the music activity.  * User presses edit button beside song. * User enters new song name. * User presses enter button. |
| Exceptions | 1. User enters existing song name. |

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| Use Case | 12 |
| Context | User deletes song. |
| Precondition | User has entered the songs fragment of the music activity. |
| Scenarios | 1. User is in the songs fragment of the music activity.  * User presses delete button beside song. * User presses yes on the prompt. |
| Exceptions | 1. Song file has already been moved or deleted. |

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| Use Case | 13 |
| Context | User plays song. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is in the songs fragment of the music activity.  * User presses a song in the song list.  1. User is in the playlists fragment of the music activity.  * User chooses a playlist. * User presses a song in the playlist.  1. User is anywhere else inside the app.  * User presses play button on mp3 player. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 14 |
| Context | User pauses song. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is anywhere else inside the app.  * User presses pause button on mp3 player. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 15 |
| Context | User unpauses song. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is anywhere else inside the app.  * User presses play button on mp3 player. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 16 |
| Context | User plays previous song. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is anywhere else inside the app.  * User presses previous button on mp3 player. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 17 |
| Context | User plays next song. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is anywhere else inside the app.  * User presses next button on mp3 player. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 18 |
| Context | User plays song from a specific point. |
| Precondition | User has entered the main menu. |
| Scenarios | 1. User is anywhere else inside the app.  * User drags seek bar to desired position. |
| Exceptions | 1. Mp3 player does not have song loaded in. |

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| Use Case | 19 |
| Context | User sorts song playlists. |
| Precondition | User has entered the playlist fragment of the music activity. |
| Scenarios | 1. User is in the playlist fragment of the music activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 20 |
| Context | User edits song playlists. |
| Precondition | User has entered the playlist fragment of the music activity. |
| Scenarios | 1. User changes playlist songs.  * User presses edit button beside song playlist. * User chooses songs in playlist editor. * User presses the save button below.  1. User changes playlist name.  * User presses edit button beside song playlist. * User enters valid name into edit text and presses check button. * User presses the save button below. |
| Exceptions | 1. User enters invalid playlist name. 2. User tries to add empty playlist. |

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| Use Case | 21 |
| Context | User deletes song playlists. |
| Precondition | User has entered the playlist fragment of the music activity. |
| Scenarios | 1. User is in the playlist fragment of the music activity.  * User presses delete button beside song playlist. * User chooses yes in prompt. |
| Exceptions | - |

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| Use Case | 22 |
| Context | User adds new song playlist. |
| Precondition | User has entered the playlist fragment of the music activity. |
| Scenarios | 1. User is in the playlist fragment of the music activity.  * User presses the floating plus button. * User enters valid name into edit text and presses check button. * User chooses songs in new playlist. * User presses the save button below. |
| Exceptions | 1. User enters invalid playlist name. 2. User tries to add empty playlist. |

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| Use Case | 23 |
| Context | User sorts sleep list. |
| Precondition | User has entered the list fragment of the sleep activity. |
| Scenarios | 1. User is in the list fragment of the sleep activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 24 |
| Context | User edits sleep list item. |
| Precondition | User has entered the list fragment of the sleep activity. |
| Scenarios | 1. User is in the list fragment of the sleep activity.  * User presses edit button beside sleep list item. * User edits sleep data. * User presses the save button below. |
| Exceptions | 1. User tries to save invalid range of sleep-wake time. |

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| Use Case | 25 |
| Context | User deletes sleep list item. |
| Precondition | User has entered the list fragment of the sleep activity. |
| Scenarios | 1. User is in the list fragment of the sleep activity.  * User presses delete button beside sleep list item. * User chooses yes on the prompt. |
| Exceptions | - |

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| Use Case | 26 |
| Context | User adds new sleep list item. |
| Precondition | User has entered the list fragment of the sleep activity. |
| Scenarios | 1. User is in the list fragment of the sleep activity.  * User presses the floating plus button. * User chooses a date with no sleep data. * User enters new sleep data. * User presses save button below. |
| Exceptions | 1. User tries to save invalid range of sleep-wake time. |

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| Use Case | 27 |
| Context | User views different sleep list chart. |
| Precondition | User has entered the chart fragment of the sleep activity. |
| Scenarios | 1. User is in the chart fragment of the sleep activity.  * User chooses different attribute in the spinner. * User presses view button. |
| Exceptions | - |

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| Use Case | 28 |
| Context | User adds new data to sleep calendar. |
| Precondition | User has entered the calendar fragment of the sleep activity. |
| Scenarios | 1. User is in the calendar fragment of the sleep activity.  * User chooses date with no sleep data on calendar. * User presses add button below. * User enters new sleep data. * User presses save button below. |
| Exceptions | 1. User tries to save invalid range of sleep-wake time. |

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| Use Case | 29 |
| Context | User deletes data from sleep calendar. |
| Precondition | User has entered the calendar fragment of the sleep activity. |
| Scenarios | 1. User is in the calendar fragment of the sleep activity.  * User chooses date with sleep data on calendar. * User presses delete button below. * User chooses yes on the prompt. |
| Exceptions | - |

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| Use Case | 30 |
| Context | User edits data from sleep calendar. |
| Precondition | User has entered the calendar fragment of the sleep activity. |
| Scenarios | 1. User is in the calendar fragment of the sleep activity.  * User chooses date with sleep data on calendar. * User presses more info button below. * User edits sleep data. * User presses save button below. |
| Exceptions | 1. User tries to save invalid range of sleep-wake time. |

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| Use Case | 31 |
| Context | User sorts sport list. |
| Precondition | User has entered the list fragment of the sport activity. |
| Scenarios | 1. User is in the list fragment of the sport activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 32 |
| Context | User edits sport list item. |
| Precondition | User has entered the list fragment of the sport activity. |
| Scenarios | 1. User is in the list fragment of the sport activity.  * User presses edit button beside sport list item. * User edits sport list item. * User presses the save button below. |
| Exceptions | 1. User tries to save empty sport list item. |

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| Use Case | 33 |
| Context | User deletes sport list item. |
| Precondition | User has entered the list fragment of the sport activity. |
| Scenarios | 1. User is in the list fragment of the sport activity.  * User presses delete button beside sport list item. * User chooses yes on the prompt. |
| Exceptions | - |

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| Use Case | 34 |
| Context | User adds new sport list item. |
| Precondition | User has entered the list fragment of the sport activity. |
| Scenarios | 1. User is in the list fragment of the sport activity.  * User presses the floating plus button. * User chooses a date with no sport data. * User enters new sport data. * User presses save button below. |
| Exceptions | 1. User tries to save empty sport list item. |

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| Use Case | 35 |
| Context | User views different sport list chart. |
| Precondition | User has entered the chart fragment of the sport activity. |
| Scenarios | 1. User is in the chart fragment of the sport activity.  * User chooses different attribute in the spinner. * User presses view button. |
| Exceptions | - |

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| Use Case | 36 |
| Context | User adds new data to sport calendar. |
| Precondition | User has entered the calendar fragment of the sport activity. |
| Scenarios | 1. User is in the calendar fragment of the sport activity.  * User chooses date with no sport data on calendar. * User presses add button below. * User enters new sport data. * User presses save button below. |
| Exceptions | 1. User tries to save empty sport list item. |

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| Use Case | 37 |
| Context | User deletes data from sport calendar. |
| Precondition | User has entered the calendar fragment of the sport activity. |
| Scenarios | 1. User is in the calendar fragment of the sport activity.  * User chooses date with sport data on calendar. * User presses delete button below. * User chooses yes on the prompt. |
| Exceptions | - |

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| Use Case | 38 |
| Context | User edits data from sport calendar. |
| Precondition | User has entered the calendar fragment of the sport activity. |
| Scenarios | 1. User is in the calendar fragment of the sport activity.  * User chooses date with sport data on calendar. * User presses more info button below. * User edits sport data. * User presses save button below. |
| Exceptions | 1. User tries to save empty sport list item. |

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| Use Case | 39 |
| Context | User sorts sport type list. |
| Precondition | User has entered the type fragment of the sport activity. |
| Scenarios | 1. User is in the type fragment of the sport activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 40 |
| Context | User edits sport type list item. |
| Precondition | User has entered the type fragment of the sport activity. |
| Scenarios | 1. User edits sport type list item name.  * User presses edit button beside sport type list item. * User enters valid name and presses check button. * User presses the add button below.  1. User edits sport type list item calories per minute value.  * User presses edit button beside sport type list item. * User enters valid value and presses check button. * User presses the add button below. |
| Exceptions | 1. User enters invalid sport type list item name. 2. User enters invalid sport type list item calories per minute value. |

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| Use Case | 41 |
| Context | User deletes sport type list item. |
| Precondition | User has entered the type fragment of the sport activity. |
| Scenarios | 1. User is in the type fragment of the sport activity.  * User presses delete button beside sport type list item. * User chooses yes on the prompt. |
| Exceptions | - |

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| Use Case | 42 |
| Context | User adds new sport type list item. |
| Precondition | User has entered the type fragment of the sport activity. |
| Scenarios | 1. User is in the type fragment of the sport activity.  * User presses the floating plus button. * User enters valid name and presses check button. * User enters valid value and presses check button. * User presses the add button below. |
| Exceptions | 1. User enters invalid sport type list item name. 2. User enters invalid sport type list item calories per minute value. |

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| Use Case | 43 |
| Context | User sorts sport statistics. |
| Precondition | User has entered the statistics fragment of the sport activity. |
| Scenarios | 1. User is in the statistics fragment of the sport activity.  * User chooses sort type and sort order in the spinner. * User presses the sort button. |
| Exceptions | - |

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| Use Case | 44 |
| Context | User resets sleep data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only reset sleep data  * User presses reset button below sleep text. * User clicks yes on prompt.  1. User wants to reset all data.  * User presses reset all button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 45 |
| Context | User resets music data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only reset music data  * User presses reset button below music text. * User clicks yes on prompt.  1. User wants to reset all data.  * User presses reset all button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 46 |
| Context | User resets sport data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only sport music data  * User presses reset button below sport text. * User clicks yes on prompt.  1. User wants to reset all data.  * User presses reset all button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 47 |
| Context | User saves sleep data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only save sleep data  * User presses save button below sleep text. * User clicks yes on prompt.  1. User wants to save all data.  * User presses save all button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 48 |
| Context | User saves music data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only save music data  * User presses save button below music text. * User clicks yes on prompt.  1. User wants to save all data.  * User presses save all button. * User clicks yes on prompt. |
| Exceptions | - |

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| Use Case | 49 |
| Context | User saves sport data. |
| Precondition | User has entered the save fragment |
| Scenarios | 1. User wants to only save sport data  * User presses save button below sport text. * User clicks yes on prompt.  1. User wants to save all data.  * User presses save all button. * User clicks yes on prompt. |
| Exceptions | - |