

SpotiBot Product Testing

Testing Plan

Team 15

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1. User Story: Logging in to Spotify with the bot

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| Test Plan 001 | Identification and Classification | Test case 001 - Login Case: Base Login Module: Login Severity: 1 |
| | Instructions | Type login |
| | Expected Result | Receive link to login on spotify |

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| Test Plan 002 | Identification and Classification | Test case 002 - Login Case: Base Login Module: Login Severity: 3 |
| | Instructions | Login when already logged in |
| | Expected Result | Bot tells you that you are already logged in |

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| Test Plan 003 | Identification and Classification | Test case 003 - Login Case: Unlink account/logout Module: Login Severity: 1 |
| | Instructions | Type logoff |
| | Expected Result | Unlink SpotiBot from spotify account with message |

2. User Story: Generate Top Playlists

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| Test Plan 001 | Identification and Classification | Test case 004 - Playlist Case: Top Playlist Options Module: Playlist Severity: 2 |
| | Instructions | Type “top playlist ?” |
| | Expected Result | Gives overview of types of top playlists it can generate |

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| Test Plan 002 | Identification and Classification | Test case 005 - Playlist Case: recent top playlist Module: Playlist Severity: 2 |
| | Instructions | Type “top playlist short[5]” |
| | Expected Result | Receive link to playlist from SpotiBot consisting of songs from past 4 weeks |

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| Test Plan 003 | Identification and Classification | Test case 006 - Playlist Case: medium top playlist Module: Playlist Severity: 2 |
| | Instructions | Type “top playlist medium[5]” |
| | Expected Result | Receive link to playlist from SpotiBot consisting of songs in past 6 months |

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| Test Plan 003 | Identification and Classification | Test case 007 - Playlist Case: Long top playlist Module: Playlist Severity: 2 |
| | Instructions | Type “top playlist long[5]” |
| | Expected Result | Receive link to playlist from SpotiBot consisting of songs from past few years |

3. Unit Story: Generate stats of your playlists

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| Test Plan 001 | Identification and Classification | Test case 008 - Stats Case: Stats options Module: Stats Severity: 2 |
| | Instructions | Type “stats” |
| | Expected Result | SpotiBot gives commands to generate listening statistics |

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| Test Plan 002 | Identification and Classification | Test case 009 - Stats Case: Stats Module: Stats Severity: 2 |
| | Instructions | Type “genre” |
| | Expected Result | SpotiBot gives your most popular genre |

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| Test Plan 003 | Identification and Classification | Test case 010- Stats Case: Stats of key Module: Stats Severity: 2 |
| | Instructions | Type “key” |
| | Expected Result | SpotiBot gives your most played key |

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| Test Plan 004 | Identification and Classification | Test case 011- Stats Case: Happiest song Module: Stats Severity: 2 |
| | Instructions | Type “happiest” |
| | Expected Result | SpotiBot gives your happiest song |

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| Test Plan 005 | Identification and Classification | Test case 012 - Stats Case: Saddest song Module: Stats Severity: 2 |
| | Instructions | Type “saddest” |
| | Expected Result | SpotiBot gives your saddest song |

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| Test Plan 006 | Identification and Classification | Test case 013 - Stats Case: Slowest song Module: Stats Severity: 2 |
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| | Instructions | Type “slowest” |
| | Expected Result | SpotiBot gives slowest song |

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| Test Plan 007 | Identification and Classification | Test case 014- Stats Case: Fastest song Module: Stats Severity: 2 |
| | Instructions | Type “fastest” |
| | Expected Result | SpotiBot gives fastest song |

4. Unit Test: Build own Playlist

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| Test Plan 001 | Identification and Classification | Test case 015 - Building playlist Case: Building playlist options Module: playlist Severity: 1 |
| | Instructions | Type “byop” |
| | Expected Result | SpotiBot gives options for building own playlist |

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| Test Plan 002 | Identification and Classification | Test case 016 - Building playlist Case: Building playlist in terms of artist Module: playlist Severity: 2 |
| | Instructions | Type “byop artist: Lady Gaga, Khalid, Lauv” |

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| | Expected Result | SpotiBot sends link to playlist that is generated with songs from Lady Gaga, Khalid, and Lauv |
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| Test Plan 003 | Identification and Classification | Test case 017 - Building playlist Case: Building playlist in terms of song name Module: playlist Severity: 2 |
| | Instructions | Type “byop song: Just Dance - Lady Gaga, Strange Love - Halsey” |
| | Expected Result | SpotiBot sends link generated with the songs we imputed |

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| Test Plan 004 | Identification and Classification | Test case 018- Building playlist Case: Building playlist in terms of mood Module: playlist Severity: 2 |
| | Instructions | Type “byop mood: focus, sleep, chill” |
| | Expected Result | SpotiBot sends link generated with songs that have the mood we inputted |

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| Test Plan 005 | Identification and Classification | Test case 019 - Building playlist Case: Building playlist in terms of genre Module: playlist Severity: 2 |
| | Instructions | Type “byop genre: pop, rock” |
| | Expected Result | SpotiBot sends link generated with songs that are of the pop and rock genre |

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| Test Plan 006 | Identification and Classification | Test case 020- Building playlist Case: Building playlist in terms of playlist name Module: playlist Severity: 2 |
| | Instructions | Type “byop playlist: lit, sad” |
| | Expected Result | SpotiBot sends link generated with songs with the given playlist names |