Use Case 27

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| Use Case ID: | 27 | | |
| Use Case Name: | Send Media Request Via API | | |
| Created By: | Emma Smith | Last Updated By: | Bennett Dierckman |
| Date Created: | 10/21/17 | Date Last Updated: | 10/23/17 |

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| Actors: | Media Streaming Service |
| Description: | The System utilizes YouTube’s API in order to process video requests. |
| Trigger: | 1. An attendee attempts to suggest a song.  2. A Host begins creating an initial playlist.  3. A host is streaming a video. |
| Preconditions: | 1. A host has created a party event. 2. Songs have been added to the playlist |
| Postconditions: | 1. Display video results. 2. Media is played according to YouTube’s Terms and Conditions |
| Normal Flow: | **27.0 Send Media Request Via API**  1. Attendee/Host searches for a song.  2. System formulates query request.  3. System processes query through YouTube’s API.  4. API runs query.  5. API pulls query results temporarily stores information.  6. API sends information to system.  7. System receives information.  8. System displays first 5 results with an option to “View More Results” (displaying an additional ten videos). |
| Alternative Flows: | NA |
| Exceptions: | **27.0.E.2 No Results Found from Search Query**  1. System informs Attendee/Host that no results could be found with the current search information.  2. System asks Attendee/Host to re-enter search information.  3. Return to Step 1. |
| Includes: | Suggest Song, Search for Desired Video, Stream Video, Create Initial Playlist |
| Priority: | High |
| Frequency of Use: | Every time a video is searched for when creating the initial party playlist, suggesting a song, and streaming a video from the host device. |
| Business Rules: | NA |
| Special Requirements: | Specific Media Streaming Service API is obtained. |
| Assumptions: | The Media Streaming Service API is working and compatible with the system. |
| Notes and Issues: |  |