

Deliverable #1: Home Audio System (HAS)

Table 1: Functional Requirements of HAS

<u>Requirement ID</u>	<u>Requirement Description</u>
HAS7701	The Home Audio System shall allow the user to control the system from a central location.
HAS7702	The Home Audio System shall maintain a library of songs grouped by album or artist
HAS7703	The Home Audio System shall keep track of a song's title.
HAS7704	The Home Audio System shall keep track of a song's duration.
HAS7705	The Home Audio System shall keep track of a song's position on an album.
HAS7706	The Home Audio System shall keep track of an album's genre.
HAS7707	The Home Audio System shall keep track of an album's release date.
HAS7708	The Home Audio System shall keep track of an artist's name.
HAS7709	The Home Audio System shall allow the user to set up one or multiple locations.
HAS7710	The Home Audio System shall allow the user to create one or multiple ordered playlists.
HAS7711	The Home Audio System shall allow the user to stream the same music to several locations.
HAS7712	The Home Audio System shall allow the user to play music by choosing a playlist, album or song as well as a specific location.
HAS7713	The Home Audio System shall allow the user to control the volume of each location.
HAS7714	The Home Audio System shall allow the user to temporarily mute one or many locations.

Table 2: Non-Functional Requirements of HAS

<u>Requirement ID</u>	<u>Requirement Description</u>
HAS8801	The Home Audio System shall be portable on 3 devices: desktop, mobile and web.
HAS8802	The Home Audio System shall be able to refresh the screen in less than 2 seconds.