**Deliverable #1: Home Audio System (HAS)**

Table 1: Functional Requirements of HAS

Table 2: Non-Functional Requirements of HAS

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| **Requirement ID** | **Requirement Description** |
| 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. |

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| **Requirement ID** | **Requirement Description** |
| 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. |