# Sound Sync

## REQUIREMENTS LIST

Functional Requirements:

| Req No. | Req Name | Description |
|---------|----------|-------------|
| REQ01 | Wi-Fi Connectivity | Connectivity 2 or more phones via Wi-Fi to share the audio signal. |
| REQ02 | Memory Organization | The application doesn't occupy the memory except the app installation. |
| REQ03 | Wi-Fi Authentication | When a device connected to the host, the host have to give permission to share with the connected device. |
| REQ04 | Share Songs | You can also share songs(*.mp3) to other devices, if they need. |

Non-Functional Requirements:

| Req No. | Req Name | Description |
|---------|----------|-------------|
| REQ05 | One Touch Operation | The app will perform its operation by a single touch either "HOST" or "JOIN". |
| REQ06 | User Friendly | The app will be very user friendly. As already said that It will be in single touch operation. |

| REQ07 | Player Control | The host has to control the music player and also to control the volume of the other devices too. |
| --- | --- | --- |
| REQ08 | Help Menu | The help menu will display the instruction to pair the devices and to share. |
| REQ09 | Data Connection | It does not need internet connection to use this app. |

## System Support Requirements:

| Req No. | Req Name | Description |
| --- | --- | --- |
| REQ10 | OS Version | This app works at minimum version of Android 4.1 (Jelly Bean) |
| REQ11 | RAM | This app runs on devices which has minimum RAM of 256MB |

**Expected Delivery**     **:** In October
**Privacy**                      **:** No user data will be stored
**Portability**               **:** Android
**Software Process Model  : Water Fall model**

**From**

2015239003 and 2015242028