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| --- | --- |
| **Test Document Name** | STD – Digital Layers |
| **Test Document Version** | 1.0 |
| **Performed By** | Stas Bobrovski |
| **Module(s) covered** |  |
| **Last Update By** |  |
| **Last Update Date** |  |
| **Last R&D Review Date** |  |
| **Last R&D Approve Date** |  |
| **R&D Approved By** |  |
| **Performed By** |  |
| **Total Testing Time (days)** | 1 |

|  |
| --- |
| **Prerequisites** |
| * [Test@gmail.com](mailto:Test@gmail.com) account , Password : 12345678 in DB |
| * Phone “A” ( Android version 4.4 ) , Phone “B” ( IOS version 6 ) , Phone C ( Latest Android version ) , Phone D ( Latest IOS version ) * Wi Fi access * Tunnel Bear installed on the phones * [TestUSA@gmail.com](mailto:TestUSA@gmail.com) account , Password 87654321 in DB |

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| --- | --- | --- | --- |
| **Sanity ( Phone “ A” – In mobile data mode )** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Wait until the song is downloaded | Download button changes to Open |  |
| 7 | Click Open | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 8 | Click on “ + “ | Add new layer screen opens with recording options on the right side of the screen |  |
| 9 | Click on “ audio “ button | Audio recording screen opens |  |
| 10 | Swipe the “ Rec “ button to the right | Recording starts , song starts playing |  |
| 11 | Say “test” | Song continues playing and recording |  |
| 12 | Press “Stop” after 10 seconds | Song stops, song timer back to 00:00. New layer “Audio1” is added to the screen |  |
| 13 | Press “Play” | Songs starts playing , “test” is heard on the new layer |  |
| **Test Case 1 : Log in page** | | | |
| **1.1 Error Handling – Incorrect Email in username** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com)7 in login field | [Test@gmail.com](mailto:Test@gmail.com)7 appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | “Incorrect email/Domain not found”  Message |  |
| **1.2 Error Handling – Incorrect password** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “a “in the password field | “a” appears in the password field |  |
| 4 | Click Sign in | “Incorrect password” message |  |
| **1.3 Error Handling – Nothing in username and nothing in password fields** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Click Sigh In | “ Enter username and password “ message |  |
| **1.4 Security – Connecting with the same user from 2 different phones** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Open Digital Layers in phone “B” | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 6 | Click Sign in | “User [Test@gmail.com](mailto:Test@gmail.com)“ already exists “ message , log in page opens |  |
| **1.5 Security – Password autofill** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “1 “in the password field | “1”appears in the field ,autofill does not happen |  |
| **Test Case 2 :Home page** | | | |
| **2.1 Functionality with Wi Fi on** | | | |
| **2.1.1 Download button- Downloading 2 songs simultaneously** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Click on download אם תעזבי אותי | Visual indication of the download progress appears |  |
| 7 | Wait until the songs are downloaded | Download buttons change to Open |  |
| **2.1.2 Download button- Downloading 3 songs simultaneously** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Click on download אם תעזבי אותי | Visual indication of the download progress appears |  |
| 7 | Click on download ירושלים | Visual indication of the download progress appears |  |
| 8 | Wait until the songs are downloaded | Download buttons change to Open |  |
| **2.1.3 Download Button – 4 songs simultaneously** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Click on download אם תעזבי אותי | Visual indication of the download progress appears |  |
| 7 | Click on download ירושלים | Visual indication of the download progress appears |  |
| 8 | Click on download אף אחד | Visual indication of the download progress appears |  |
| 9 | Wait until the songs are downloaded | Download buttons change to Open |  |
| **2.1.4 Download button – 5 songs simultaneously** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Click on download אם תעזבי אותי | Visual indication of the download progress appears |  |
| 7 | Click on download ירושלים | Visual indication of the download progress appears |  |
| 8 | Click on download אף אחד | Visual indication of the download progress appears |  |
| 9 | Click on download משהו מתחיל | Visual indication of the download progress appears |  |
| 10 | Wait until the songs are downloaded | Download buttons change to Open |  |
| **2.1.5 Search field – Searching for a specific song** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type ירושלים in the search field | ירושלים appears in the search field |  |
| 6 | Click search icon | ירושלים appears on the home page with song ,band , album name and album cover and download button |  |
| 7 | Click on download ירושלים | Visual indication of the download progress appears |  |
| **2.1.6 Search field – Searching for a song from a different area** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type “ Fix you “ in the search field | “Fix you” appears on the home page with all the details … |  |
| **2.1.7Search field – 10 chars and language support in the field** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type “12345678אa” in the search field | “12345678אa”appear in the search field |  |
| **2.2 Error Handling** | | | |
| **2.2.1 Search field – Searching for a song that is not in DB** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type דור מזוין in the search field | דור מזוין appears in the field |  |
| 6 | Click search icon | “ Song is not in Data Base “ message |  |
| **2.2.2 Search field – Searching in not supported language** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type “ь” in the search field | **“**language is not supported “ message |  |
| **2.2.3 Search field – typing the name of the same song twice** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type ירושלים ירושלים in the search field | ירושלים ירושלים appears in the field |  |
| 6 | Click the search icon | “No result” message |  |
| **2.2.4 Search field – Numbers in the song name** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type ירושלים1 in the search field | ירושלים1 appears in the field |  |
| 6 | Click search | “No result” message |  |
| **2.2.5 Search field – song name with missing letters** | | | |
| 1 | Open Digital Layers | Log in page appears |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type ירושלי in the search field | ירושל appears in the field |  |
| 6 | Click search icon | “ No result “ message |  |
| **2.2.6 Search field – song name in hebrew with song name in English** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type ירושלים Fix you in the search field | ירושלים Fix you appears in the search field |  |
| 6 | Click search icon | “ No result “ message |  |
| **2.2.7 Search field – Nothing in the field** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click the search icon | Nothing happens , home page displays |  |
| **2.2.8 Search field – Only a number in the field** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Type “ 1 “ in search field | “1” appears in search field |  |
| 6 | Click the search icon | “No result “ message |  |
| **2.2.9 Download button – Downloading 2 songs In Mobile Data mode** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Click on download אם תעזבי אותי | Download does not start , button appears the same |  |
| **2.3 Interruptions while in download** | | | |
| **2.3.1 Software – by phone call** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Call “A” from “B” | Incoming call, download is in the background |  |
| **2.3.2 Communication – No Network** | | | |
| 1 | Open Digital Layers | Digital Layers opens |  |
| 2 | Enter [Test@gmail.com](mailto:Test@gmail.com) in login field | [Test@gmail.com](mailto:Test@gmail.com) appears in login |  |
| 3 | Enter “12345678 “in the password field | “12345678” appears in the password field |  |
| 4 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 5 | Click on download “Lazuz“ | Visual indication of the download progress appears |  |
| 6 | Turn off Mobile data and Wi Fi | Download is suspended ,progress indication stops |  |
| 7 | Turn on Mobile data | Download resumes from the point it was suspended |  |
| **Test Case 3 – Now Playing screen** | | | |
| **3.1 Functionality – Play button+ Playing the song with all the layers selected “on”** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| **Test Case 4 – Play Screen** | | | |
| **4.1 Functionality** | | | |
| **4.1.1 On button of vocal layer** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the vocal layer | Vocal mutes ,”on” button changes to “off” button , song continues |  |
| 4 | Click “off” button of the vocal layer | Song continues , vocal layer returns |  |
| **4.1.2 On button of guitar layer** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the guitar layer | Guitar mutes ,”on” button changes to “off” button , song continues |  |
| 4 | Click “off” button of the guitar layer | Song continues , guitar layer returns |  |
| **4.1.3 On button of bass layer** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the bass layer | Bass mutes ,”on” button changes to “off” button , song continues |  |
| 4 | Click “off” button of the bass layer | Song continues , bass layer returns |  |
| **4.1.4 On button of Drums layer** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the drums layer | Drums mute ,”on” button changes to “off” button , song continues |  |
| 4 | Click “off” button of the drums layer | Song continues , drums layer returns |  |
| **4.1.5 On button of Drums layer and Bass layer muted simultaneously** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the drums layer | Drums mute ,”on” button changes to “off” button , song continues |  |
| 4 | Click “On” button of the bass layer | Bass mutes ,”on” button changes to “off” button , song continues |  |
| 5 | Click “off” button of the drums layer | Song continues , drums layer returns |  |
| 6 | Click “off” button of the bass layer | Song continues , bass layer returns |  |
| **4.1.6 On button of Vocal layer and Guitar layer muted** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Click “On” button of the Vocal layer | Vocals mute ,”on” button changes to “off” button , song continues |  |
| 4 | Click “On” button of the Guitar layer | Bass mutes ,”on” button changes to “off” button , song continues |  |
| 5 | Click “off” button of the Vocal layer | Song continues , Vocals layer returns |  |
| 6 | Click “off” button of the Guitar layer | Song continues , Guitar layer returns |  |
| **4.1.7 Only 1 Layer playing** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “On” button of the Guitar layer | Button turns to “Off” |  |
| 3 | Click “On” button of the Bass layer | Button turns to “Off” |  |
| 4 | Click “On” button of the Drums layer | Button turns to “Off” |  |
| 5 | Click “Play “ | Song starts , only Vocal layer plays |  |
| **4.1.8 Ruler, forward and backward buttons – song progress functions** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button  “Forward , backward ,ruler “ buttons  Shown |  |
| 3 | Click “Ruler” several times | Progress accelerates by 1 second with every click |  |
| 4 | Click “ Forward” | Progress accelerates by 5 seconds |  |
| 5 | Click “Backward” | Song rewinds 5 seconds back |  |
| **4.1.9 Multi-Tasking** | | | |
| 1 | Open camera on phone | Camera opens |  |
| 2 | Press “Home” button on the phone | Phone screen opens |  |
| 3 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 4 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 4 | Press “Menu” button on the phone | Windows with running apps shown |  |
| 5 | Select Camera | Camera opens , Song stops playing |  |
| 6 | Press “Menu” button on the phone | Windows with running apps shown |  |
| 7 | Select Digital Layers | Digital Layers opens , song resumes playing from where was suspended |  |
| **4.2 Connectivity – Playing a song in offline mode** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Turn off Mobile and Wi Fi data | Mobile and Wi Fi turn off |  |
| 3 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| **4.3 Interruptions** | | | |
| **4.3.1 Software – by phone call** | | | |
| 1 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 2 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 3 | Call phone “A” from phone “B” | Incoming call , song stops playing |  |
| **4.3.2 Software – by clock alarm** | | | |
| 1 | Set an alarm to the upcoming minute | Alarm is set |  |
| 2 | Repeat sanity steps 1-7 | “ Now playing “ screen appears with all layers displaying set to “ On “ |  |
| 3 | Click “Play” | Song starts playing , all layers are heard , visual indication of progress appears ,timer showing progress appears on the left side , timer showing song length is on the right  Play button turns to Pause button |  |
| 4 | Wait for the alarm | Song stops playing when alarm goes off |  |
| **Test Case 5 – Audio Recording Screen** | | | |
| **5.1Functionality – Record button** | | | |
| **5.1.1 Pausing the recording + Resuming the recording** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Repeat Sanity steps 1-10 | Recording starts , button slides right |  |
| 2 | Slide the recording button to the left | Song continues playing , recording pauses |  |
| 3 | Slide the recording button to the right | Song is playing , button slides right , turns to red ,recording begins |  |
| 4 | Press “ Stop” | Song stops , timer shows 00:00, Audio 1 layer is created |  |
| 5 | Press “ Play” | Song playing with the additional layer with what was recorded throughout |  |
| **5.1.2 Recording 5 layers** | | | |
| 1 | Repeat Sanity steps 1-10 | Recording starts , button slides right |  |
| 2 | Press “Stop” after 5 seconds | Audio1 adds to the screen |  |
| 3 | Swipe the “ Rec “ button to the right | Recording starts , song starts playing |  |
| 4 | Press “Stop “ after 5 seconds | Audio 2 adds to the screen |  |
| 5 | Swipe the “ Rec “ button to the right | Recording starts , song starts playing |  |
| 6 | Press “Stop “ after 5 seconds | Audio 3 adds to the screen |  |
| 7 | Swipe the “ Rec “ button to the right | Recording starts , song starts playing |  |
| 8 | Press “Stop “ after 5 seconds | Audio 4 adds to the screen |  |
| 9 | Swipe the “ Rec “ button to the right | Recording starts , song starts playing |  |
| 10 | Press “Stop “ after 5 seconds | Audio 5 adds to the screen |  |
| 11 | Press “Play” | Song starts playing with all the layers heard |  |
| **5.2 Error Handling – Inability to record 6 layers** | | | |
| 1 | Repeat Sanity steps 1-10 | Recording starts , button slides right |  |
| 2 | Repeat “5.1.2” steps 2-10 | Audio 5 adds to the screen |  |
| 3 | Slide the record button to the right | “ only 5 layers can be recorded “ message |  |
| **5.3 Error Handling – Inability to rename the new layer** | | | |
| 1 | Repeat Sanity steps 1-12 | Song stops, song timer back to 00:00. New layer “Audio1” is added to the screen |  |
| 2 | Double press the “Audio” layer image | Nothing happens |  |
| 3 | Press and hold “Audio1” image | Nothing happens |  |
| **5.4 Interruption – By phone call** | | | |
| 1 | Repeat Sanity steps 1-10 | Recording starts , button slides right |  |
| 2 | Call phone “A” from phone ”B” | Song stops playing |  |
| 3 | Decline the call | Song resumes immediately |  |
| **Test Case 6 : Internationality** | | | |
| **Step** | **Action** | **Expected Result** | **Actual Result** |
| 1 | Use Tunnel Bear to change server to USA IP address | IP address is changed in USA server |  |
| 2 | Open Digital Layers | Log in page appears |  |
| 3 | Enter [TestUSA@gmail.com](mailto:TestUSA@gmail.com) in email field | [TestUSA@gmail.com](mailto:TestUSA@gmail.com) appears in email field |  |
| 4 | Enter “87654321” in the password field | “87654321” appears in the password field |  |
| 5 | Click Sign in | Home page opens with list of the country’s most popular songs showing performer name ,song name , album cover and Download button to the right of the song |  |
| 6 | Click on download “ Rocket Man “ | Visual indication of the download progress appears |  |
| 7 | Wait until the song is downloaded | Download button changes to Open |  |
| 8 | Repeat Sanity steps 7-13 | Songs starts playing , “test” is heard on the new layer |  |
| **Test Case 7 : Compatibility with IOS version 6** | | | |
| 1 | Repeat sanity Steps 1-13 | Songs starts playing , “test” is heard on the new layer |  |
| **Test Case 8 : Compatibility with Latest IOS version** | | | |
| 1 | Repeat sanity Steps 1-13 | Songs starts playing , “test” is heard on the new layer |  |
| **Test Case 9 : Compatibility with Latest Android version** | | | |
| 1 | Repeat sanity Steps 1-13 | Songs starts playing , “test” is heard on the new layer |  |
| * **Perform all the rest of the tests on all the phones !** | | | |