

Class Song (Unit)						
Test Case	Song Type	Song Name	Artist	Duration	BPM	Classes Tested
1	"Hip-hop"	"Save your tears"	"The Weeknd"	249	118	(1,3,5,7,9)
2	"[rap, R&B]"	"<God's plan, Skyline>"	"<Drake, Kalid>"	900	1001	(1,3,4,8,10)
3	"<>!+"	123	0	Rihana	120	(1,4,6,8,9)
4	[1,11,12,14]	""	"123"	"+-=>"	-100	(1,3,5,8,10)
5	TRUE	"{}"	[A,B,C],Nick	FALSE	[1,2,3],12	(2,3,6,8,10)
Class Number		Valid input				
1	Valid SongType	string				
2	InVadid Song Type	!string				
3	getSongName	string				
4	InVadid Song name	!string				
5	getArtist	string				
6	Invalid Artist	!string				
7	getSongDuration	0 < duration && duration <= 600				
8	Invalid Duration	0 >= duration duration > 600				
9	getSongBPM	0 < BPM && BPM <= 999				
10	Invalid BPM	0 >= BPM BPM > 999				
Class cusPlayList (functional)						
TestCase	addSongToPlaylist	removeSongFromPlaylis	Playlist applyTemplate	Classes Tested		
1	(12, "God's Plan")	(12, "God's Plan")	(myfav, black.JPG)	(1,3,5)		
2	(abc,123)	(abv,"Skyline")	(myfav)	(2,4,6)		
3	(-1,"")	("", "")	[myfav, chill, gym]	(2,3,6)		
4	("", "")	(-12, ["abc,cbv"])	("", black.JPG)	(1,4,6)		
5	(12, [abc,afc,dfg])	("", "abc")	(123, 123.JPG)	(2,3,5)		
Class Number						
1	addSongToPlaylist	(int>0, song)				
2	Invalid addSongToPlaylist	(int<0, !song)				
3	removeSongFromPlaylist	(int>0, song)				
4	Invalid removeSongFromPlaylist	(int<0, !song)				
5	Playlist applyTemplate	(Playlist, PlaylistTemplate)				
6	Invalid Playlist applyTemplate	!(Playlist playlist, PlaylistTemplate)				
Class UserAccount (System)						
TestCase	registerUser	login	addPlaylist	getPlaylists	Cases Tested	

1	(tobi, tobi@gmail.com, "123456")	(tobi, "123456")	(1,12, (name:study, background:black))	1	(1,3,5,7)	
2	("", "", "avcdf")	([], "12345")	(a,av,(name:chill, background:white))	abc	(1,4,6,8)	
3	("", "", {}:)	("", "")	(1,12,12)	[1,3,4,5]	(2,3,6,8)	
4	([a,c],[a,b,c],{})	([],[1,2,3,4])	(1,-12, (name:study, background:black))	0	(2,4,6,8)	
5	([1,2,4],12,124)	([a,b,c],1,3)	("", "", "")	-99	(2,4,5,8)	
Class Number						
1	registerUser	(string, string, string)				
2	Invalid registerUser	!((string, string, string)				
3	login	(string, string)				
4	Invalid login	!(string, string)				
5	addPlaylist	(int>0, int>0, PlaylistCustomizationDetails)				
6	Invalid addPlaylist	(int<0, int<0, PlaylistCustomizationDetails)				
7	getPlaylists	>0				
8	Invalid getPlaylists	<0				