# System Sequence Diagrams

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System Sequence Diagram 1
----:user

:user		:system
	signup(username, password, retypedPassword)	
opt [userna me taken already ]	createAccountError() signup(username, password, retypedPassword)	
opt [passw ord error]	createAccountError()	
	signup(username, password retypedPassword)	d, →
	accountCreated()	
	logIntoAccount()	

:user		:system
	login(username, password)	<b>-</b>
opt [userna me doesnt exist]	signInError()	
	login(username, password)	<b>→</b>
opt [passw ord error]	signInError()	
	login(username, password)	<b>→</b>
	logIntoAccount()	

:u	ser :	system
loop	addSong(song, playlist)	<b>→</b>
[many songs]		
opt [not	addSongError()	
enough coins]	returnToMainPage()	
opt [playlist isn't	playListChoiceError()	
correct for song]	addSong(song, playlist)	<b>-</b>
	debitAcountForSongCost()	
	songAddedConfirmation()	

# System Sequence Diagram 4

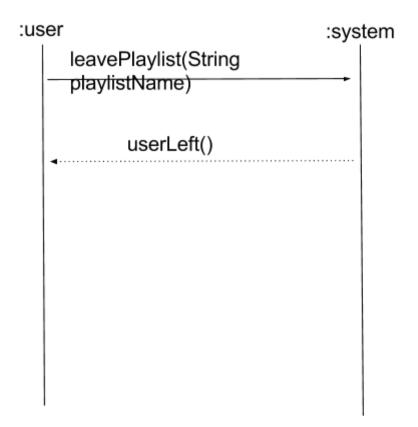
:us	ser :syst	tem
loop [many songs]	addSong(recSong, playlist)	
opt [user doenst have enough coins]	addSongError()  returnUserToMainPage()	
opt [playlist isn't correct for song]	duplicateSongError()  addSong(recSong, playlist)	
	debitAcountForSongCost() songAddedConfirmation()	

# System Sequence Diagram 5

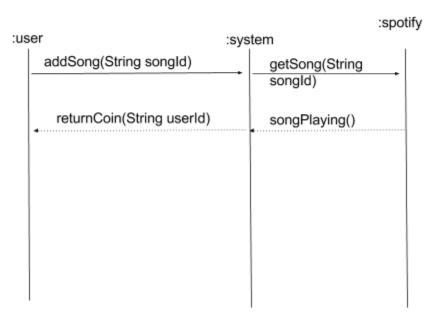
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:spotify

:us	er joinStation(String stationName)	:sys	getPlaylist(String name)
	userIsJoined()		onConnection()



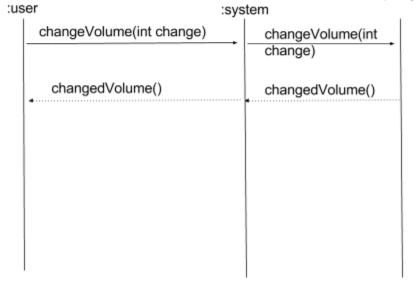
## System Sequence Diagram 7



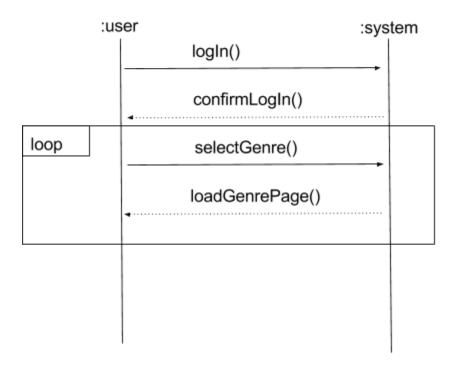
## System Sequence Diagram 8

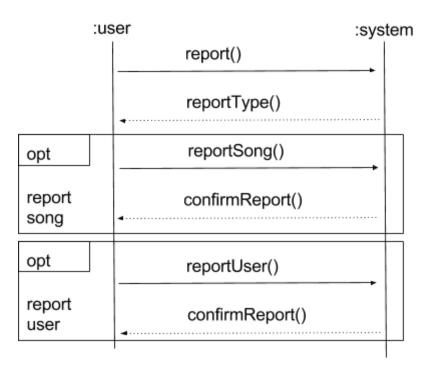
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#### :spotify



#### System Sequence Diagram 9

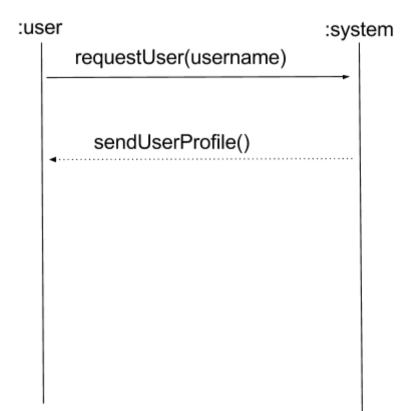


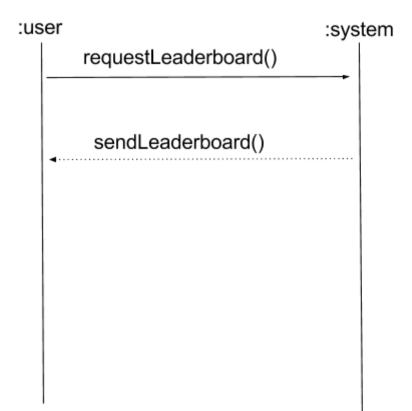


:us	ser :systen
	beginVoting()
opt	pauseVoting()
no songs in queue	4
opt	playNextSong()
song less than 30s	•
opt	vote()
else	chooseSong()
	playSong()

:user :s		tem
	confirmSong()	
opt only song left	playSong()	
opt else	removeSong() refundUser()	

us	ser	:sys	tem
	login()	<b></b>	
	confirmLogin()		
	connectToPlaylist(playlist)		
	confirmConnectedToPlaylist()	)	
	sendMessage(playlist, message, user)		
	confirmMessageSent()		
	I		





sendFilteredLeaderboard()

sendFilteredLeaderboard()

