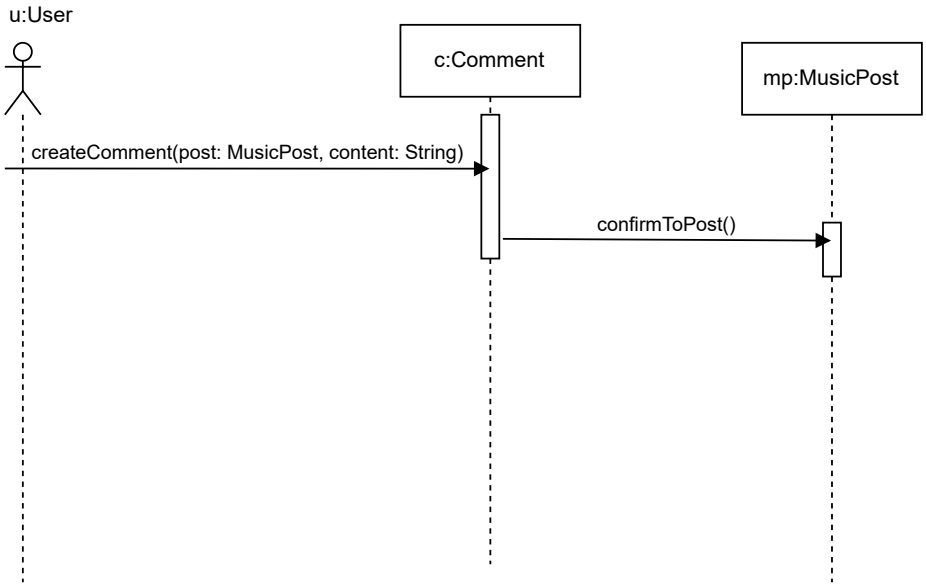
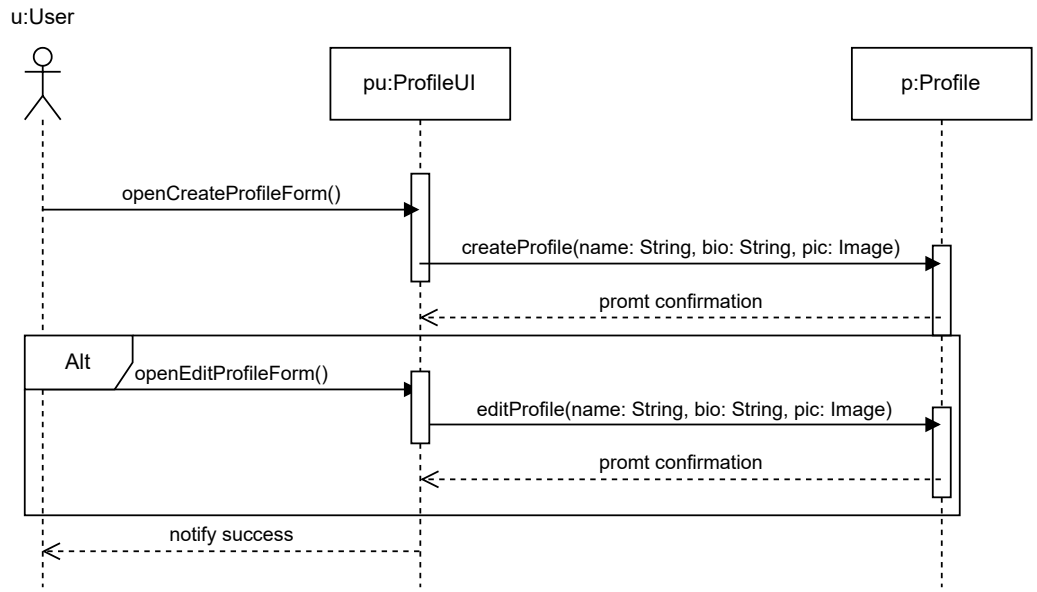
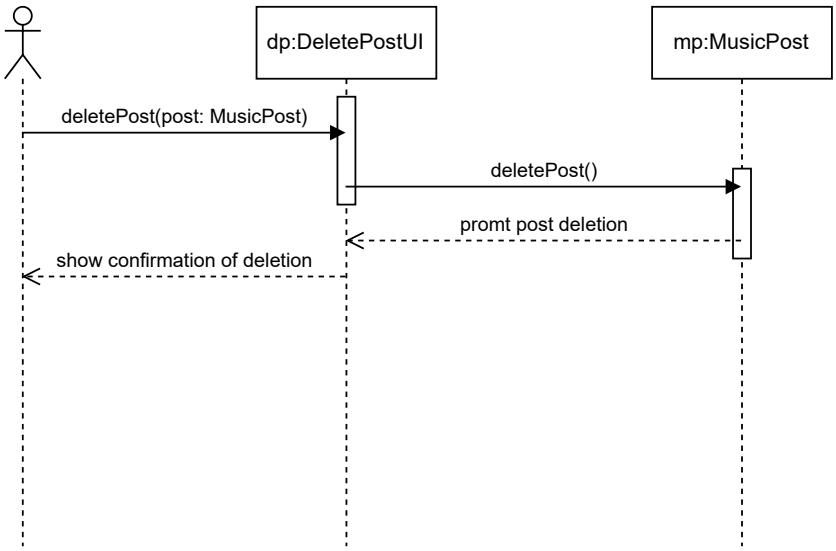
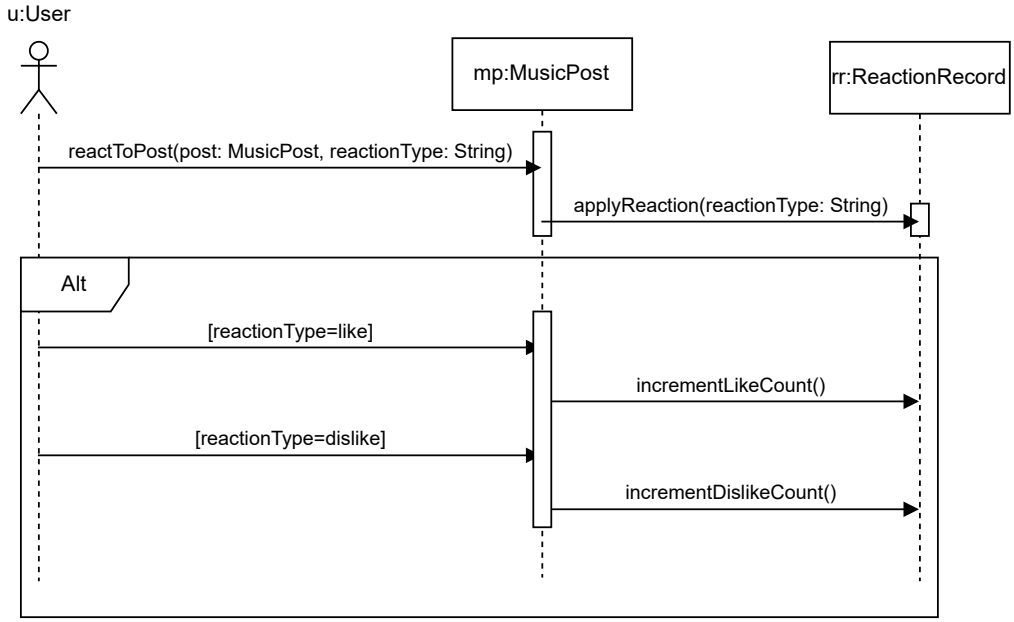
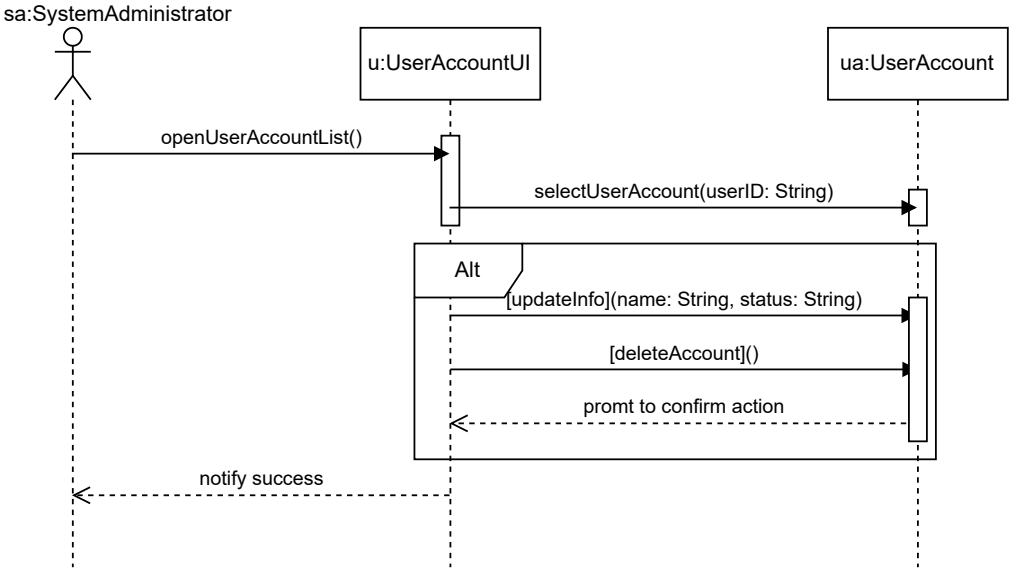

u:User
c:Comment
mp:MusicPost
createComment(post: MusicPost, content: String)
confirmToPost()

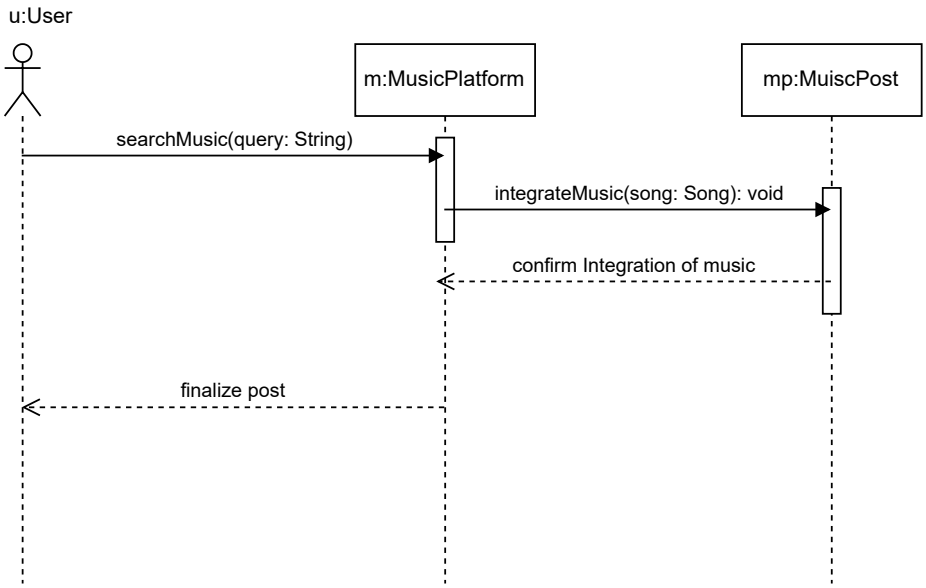

u:User
pu:ProfileUI
p:Profile
openCreateProfileForm()
createProfile(name: String, bio: String, pic: Image)
promt confirmation
Alt
openEditProfileForm()
editProfile(name: String, bio: String, pic: Image)
promt confirmation
notify success

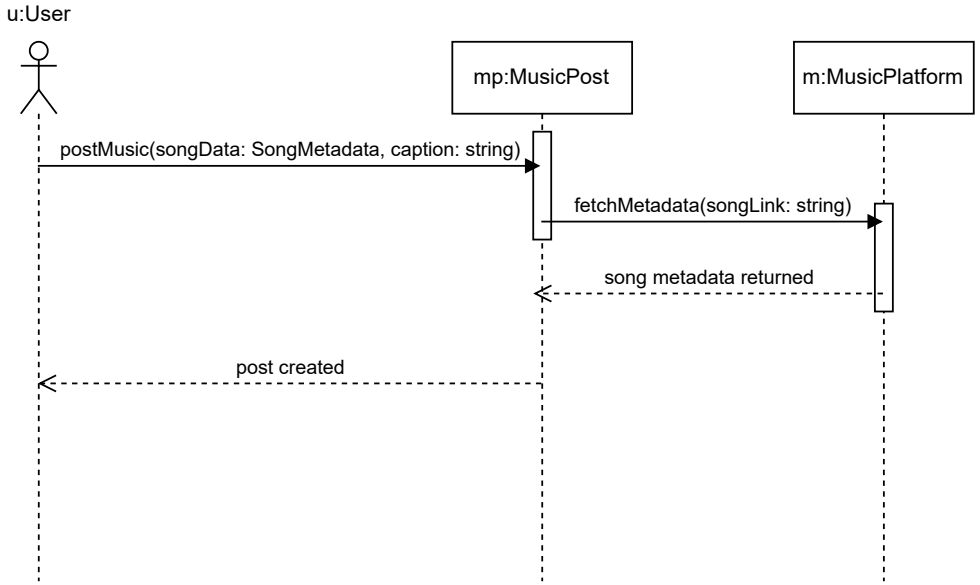
u:User

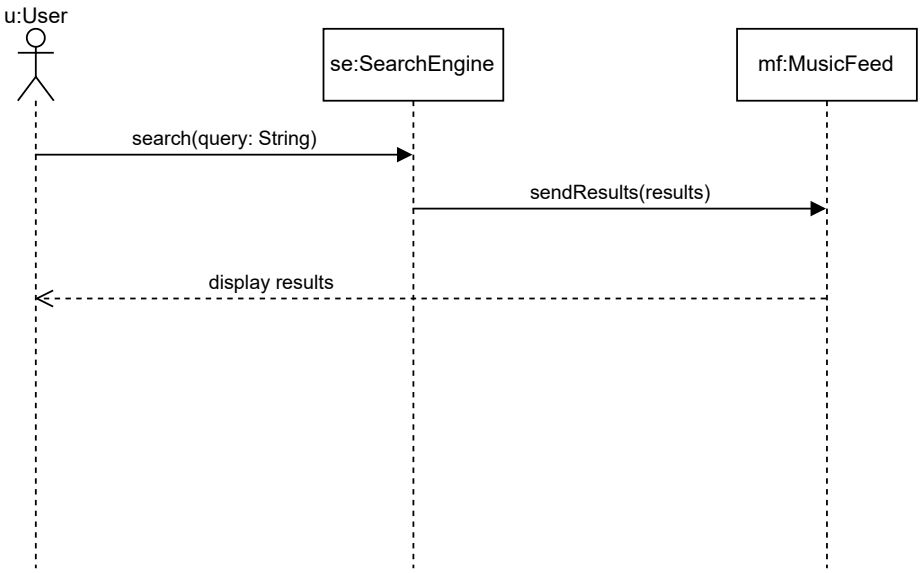

dp:DeletePostUI
mp:MusicPost
deletePost(post: MusicPost)
deletePost()
promt post deletion
show confirmation of deletion


u:User
mp:MusicPost
rr:ReactionRecord
reactToPost(post: MusicPost, reactionType: String)
applyReaction(reactionType: String)
Alt
[reactionType=like]
incrementLikeCount()
[reactionType=dislike]
incrementDislikeCount()

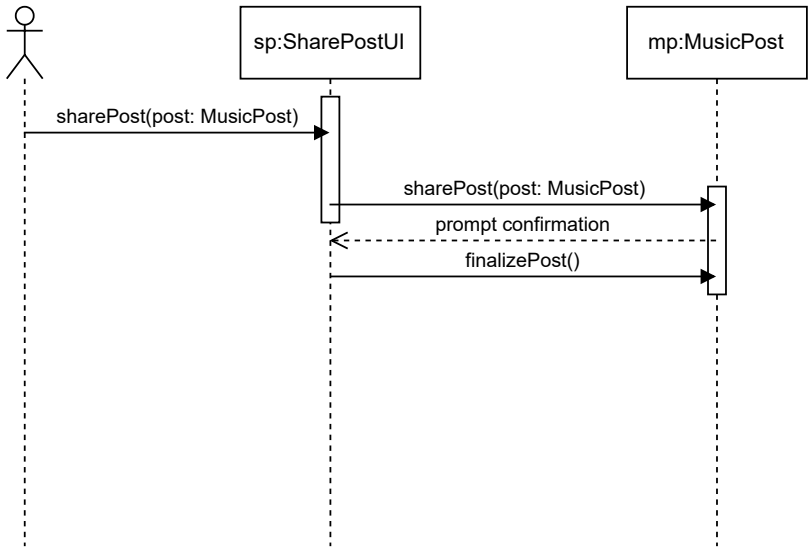

sa:SystemAdministrator
u:UserAccountUI
ua:UserAccount
openUserAccountList()
selectUserAccount(userID: String)
Alt
[updateInfo](name: String, status: String)
[deleteAccount]()
promt to confirm action
notify success

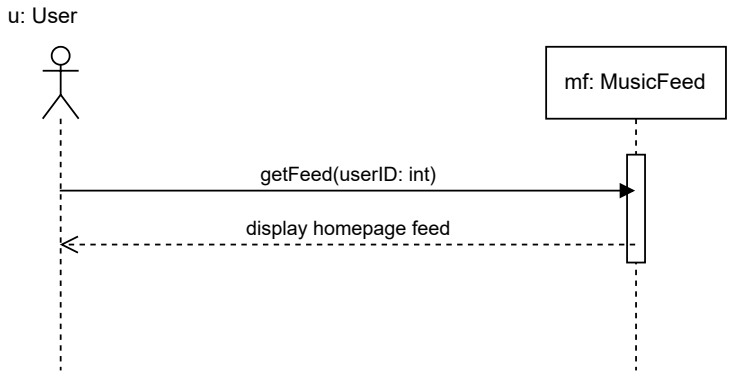

u:User
m:MusicPlatform
mp:MuiscPost
searchMusic(query: String)
integrateMusic(song: Song): void
confirm Integration of music
finalize post


u:User
mp:MusicPost
m:MusicPlatform
postMusic(songData: SongMetadata, caption: string)
fetchMetadata(songLink: string)
song metadata returned
post created


u:User
se:SearchEngine
mf:MusicFeed
search(query: String)
sendResults(results)
display results

u:User


sp:SharePostUI
mp:MusicPost
sharePost(post: MusicPost)
sharePost(post: MusicPost)
prompt confirmation
finalizePost()


u: User
mf: MusicFeed
getFeed(userID: int)
display homepage feed