Flow 1: User Register, add a song to favoriteList, play a song

|  |  |
| --- | --- |
| **User** | **System** |
| In gui Login: Type: Username is “new”, password is “new”, then click button Login | Display messageBox “The member does not exist” |
| Click button OK in messageBox |  |
| Click button Register | Display RegisterGUI:   * Two textbox to type new UserName and Password * Button Register, Cancel |
| Type UserName is “new”, password is “new”, then click button Register | Display MessageBox “Create Account success” |
| Click OK, then click Login | Display gui MainGUI: menu include: player, FavoriteList, MyMusic, Logout |
| Click menu MyMusic | Display:   * textbox to search song by name * button MyMusic, Back, Stop * Table: List all song, one song name “nhac cua nhat”, author “admin” * Button Play and Add To Favorite List for each row of table |
| Click button Add To Favorite List | Display messageBox “this song added to favorite list” |
| Click OK |  |
| Click menu FavoriteList | Display table include list of all song in favorite list: a song Name “nhac cua nhat”, Author “admin”  Each row have button Play and RemoveFromList |
| Click button Play and turn on volume in computer | Song start play |
| Click menu Player | Display Detail information of Song playing.  Button Stop |
| Click button Stop | Song Stop |
| Click menu Logout | Close Form Main and display Form Login |

Flow 2: User add a song to Database

Pre condition: Logged in with user account

|  |  |
| --- | --- |
| **User** | **System** |
| In MainGUI, click menu MyMusic | Display:   * textbox to search song by name * button MyMusic, Back, Stop * Table: List all song, one song name “nhac cua nhat”, author “admin”   Button Play and Add To Favorite List for each row of table |
| Click button MyMusic in top left | Display:  - button Add New, Back, Stop  - table of all Song this user added (no song) |
| Click button Add New | Display AddNewSongGUI:   * textbox Song Name * author is UserName * SongPath * Lyric * ImagePath |
| Type new song, example:   * Song Name is “new song” * Song Path: in folder “SongsTest” of this Project, choose a new song: “ConMuaXaDan-SonTungMTP-8033250.mp3” * Lyric: “new song new song   new song  new song”   * Image Path: in folder “SongsTest” of this Project, choose a .jpg file “Screenshot.jpg”   Click button Save | Display MessageBox “Add thanh cong bai hat moi” |
| Click OK | Display MyMusic GUI |
| Click button Back | Display:   * textbox to search song by name * button MyMusic, Back, Stop * Table: List all song, with new song just added: name is “new song”, Author is name of User * Button Play and Add To Favorite List for each row of table |
| Click button Play of song has name “new song”, and turn on volume in computer | Song start play |
| Click menu Player | Player form with detail information of this song, include:   * Image of this song * Lyric of this song * Song Name is “new song” * Author is “new” |
| Click button Stop | Song Stop |
| Click menu Logout | Close Form Main and display Form Login |

Flow 3: Amin ban a user

|  |  |
| --- | --- |
| **User** | **System** |
| In gui Login: Type: Username is “admin”, password is “admin”, then click button Login | Display messageBox “Login sucessfully” |
| Click button OK in messageBox | Display gui MainGUI: menu include: player, FavoriteList, MyMusic, AdminManageSongs, AdminManageUsers, Logout |
| Click menu AdminManageUsers | Display:   * textbox to find User by UserName * table of all User in DataBase, button Ban for each User |
| Click button Ban in row of user has UserName: “nhat” | In row of user “nhat”, Role change from 2 to 3 |
| Click Logout | Close MainGUI, display LoginGUI |
| In gui Login, Username is “nhat”, password is “nhat”, then click button Login | DisplayMessageBox: “your account was baned from system” |
| Click button OK |  |

Flow 4: Admin hide a song

Precondition: Logged in with admin account : UserName is “admin”, Password “admin”

|  |  |
| --- | --- |
| **User** | **System** |
|  | Display gui MainGUI: menu include: player, FavoriteList, MyMusic, AdminManageSongs, AdminManageUsers, Logout |
| Click menu AdminManageSongs | Display:   * textbox to find Song by Name * table of all Song in DataBase, button Hide for each Song |
| Click button Hide in row of song has Name: “nhac 2” | In row of song “nhac 2”, IsHide has ticked |
| Click menu MyMusic | Display:   * textbox to search song by name * button MyMusic, Back, Stop * Table: List all song, but not display song “nhac 2” |