

MentorAcademy Homework 3

Albums Organiser

Create an application that allows the users to organise their music.

The application should start with a screen, which shows the users albums in a Table View.

On the first screen for each album the following information should be displayed: Album cover, album title, album artist and number of songs. All information should be displayed in separate fields (create a custom cell for that).

If there is no album cover a generic image should be present.

The user should be able to enter editing mode and reorder or delete albums. There should be a button somewhere to allow the user to add a new album. The album addition should happen in a separate screen. All information about the album is mandatory except the album cover. (You can provide a set of predefined images to choose from ;)). For the album release year should also be set. The number of songs should be calculated when songs are added.

From there the user can select the album and he is present with a screen with details about the album (album cover, album title, number of songs in the album and release year).

Under that information there should be a table which should show the tracks in that album.

In the album details screen for each song the following information should be visible: Track number in the album, artist name and track name.

Editing should be supported on that screen. The user should be able to Add and Delete songs. If a song is deleted the track numbers should be updated correspondingly. If you wish you can allow reorder but the numbers should be updated as well. A song should be added from a new screen, which will ask the user for artist name and track name. The artist name should be pre-filled with album artist name.

All information should be stored so when starting the application again no data is lost.