

PROJECT

Silly Song: An App from Scratch

A part of the iOS Developer Nanodegree Program

PROJECT REVIEW

CODE REVIEW 4

NOTES

Meets Specifications

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Core Methods

- ✓ The `shortNameFromName()` method takes a name string as its only parameter and returns a shortened version of that string, following these rules:

- The shortened name is all lowercase letters, to fit in with the song
- Any consonants before the first vowel are removed. If no vowels exist in the string, then no consonants are removed.

- ✓ The `LyricsForName()` method converts the lyrics template into the personalized lyrics by substituting the full and shortened versions of the specified name.

User Interface

- ✓ The user interface contains a label for the app's name. The label:

- is positioned at the top of the screen
- has the text "Silly Song", and
- is center aligned.

- ✓ The user interface has a text field for inputting a name. The name field:

- is positioned directly below the title label
- has only the placeholder text "Enter Your Name"
- is sufficiently wide, and
- is center aligned.

- ✓ A non-editable text view for displaying lyrics is positioned directly below the name field.

- ✓ The user interface elements have the necessary constraints such that they are horizontally positioned on the center of the screen with a reasonable amount of spacing between each element.

Good job with user interface design. User interface elements appear properly in portrait mode on various iPhone models with different screen sizes.

But the lyrics textview isn't fully visible when you run the app in landscape mode on smaller iPhones (e.g. iPhone SE) -

Silly Song

Emma

Emma, Emma, Bo Bemma

It's not required for this project, but I suggest that you fix the issue.

You might find this tutorial helpful -

<https://www.raywenderlich.com/162311/adaptive-layout-tutorial-ios-11-getting-started>

✓ The user interface has an outlet for the text field called `nameField`.

✓ The user interface has an outlet for the text view called `lyricsView`.

Actions and Methods

✓ The text field's `editingDidBegin` event triggers a `reset()` action.

✓ The `reset()` method clears the text of the `nameField` and `lyricsView`.

✓ The user interface triggers a `displayLyrics()` action on the text field's `editingDidEnd` event.

✓ The `displayLyrics()` method:

- takes the name entered in the `nameField`
- generates the personalized lyrics, and
- displays the lyrics in `lyricsView`.

✓ The `textFieldShouldReturn()` method of the `UITextFieldDelegate`:

- resigns the `nameField`'s first responder, triggering the `displayLyrics()` method, and
- prevents any other response to the return key.

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4

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