

Ex 4 : Forms

Starting date: @2020년 10월 9일

Deadline: @2020년 11월 6일

Instructions

In this exercise you will have to add 3 pages : Create / edit game (depend if the page receive data, it should the create or edit page), the filter page and the modify profile page. For the filter page, you will have to create 2 different filter states; one for the homepage, one for the discover page. So you have different filter for those two pages. Add a global state / provider where you manage those filters.

For all the field you have to check if it's empty or not, if they have enough characters and if they have the right syntax (by using regex). If it's not right then show a error message bellow the field.

For the form validation you gave to check if the required field are not empty and everything is correct before summiting and do what it have to do (add a game, edit a game, apply a filter, modify a user).

Create the regex validation function(s) in a file in /shared/helpers/

Add a page that you can access from the drawer : The page to add a publisher. There is no design for this one so you can do it as you like (information, design, etc).

From the detail page add an icon in the header to change the progress of the game. This icon appear only if the game is in your list of game.

Don't forget to reset your form once you add a game. You can also show a message (snackbar or flushbar)

Another thing to not forget is the outfocus when you click outside of an input.

Objectives

- How to add filters
- How to create and manager forms
- How to use regex
- How to use global functions
- How to check value in a form
- How to show error message

Documentation

You don't have to read all the documentation (because it gonna takes a long time) but you can refers to it when you don't know how to do something or when you have issues.

Form :

- <https://flutter.dev/docs/cookbook/forms>
- <https://flutter.dev/docs/cookbook/forms/validation>

Regex :

- <https://regexr.com/>
- <https://digitalfortress.tech/tricks/top-15-commonly-used-regex/>

Screens

Filters

←

FILTERS

✓

Editor

Platform

PC

Switch

PS4

Xbox

3DS

PS3

Genre

Action

Platform

Simulation

Fighting

RPG

Adventure

Release date

Year

Month

Cancel

Apply

Modify Profil

←

MODIFY PROFIL

Username

username

Email

test@test.com

Image url

http://url.com

Address

Seoul, Gangnam-gu, Samseong 2(i)-dong, Seolleung-ro 112-gil, 87 명인빌딩

Modify

Add/Edit Game

CREATE A GAME

Title

Platform

PC

Switch

PS4

Xbox

3DS

PS3

Genre

Action

Platform

Simulation

Fighting

RPG

Adventure

Release date

Year

Month

Day

Description

Image url

Save

- **Create/Edit game page:** contains form to add or edit a game. All the fields are mandatory except the description. The game can have multiple genre and multiple platforms. The release date have 3 select box. The header have the back button and a save button.
- **Modify profile page:** contains the form to modify the profile. it's auto-fill with the previous data.
- **Filter page:** contains a form to filter the homepage and/or the discovery page. The games can be filtered by editor, platforms, genre, release date. The cancel

button reset the filter.

The header have a back button and the apply button.