

Application for choosing an online course

• Description

You are given an edx_courses.csv file that contains some useful information about 976 courses that are currently available on the edx.org platform. You will have to develop an application that will help users to find an online course that suits their needs using several ways of filtering the data.

• General info

The dataset and description of all fields can be found at the link below

<https://www.kaggle.com/datasets/imuhammad/edx-courses?resource=download>

You are not asked to use all the columns. You will only work with these ones:

Title: the title of the course

Institution: the institution that created and provided the course

Level: difficulty level

Subject: subject of the course

Language: the language of the course

Subtitles: available subtitles

Price: price of the course

Summary: main features of the course

• The app must:

1. Show the title of the course, its price and the institution that created and provided the course
2. Have the opportunity to show the course's summary by clicking on its name
3. Contain a logo made by using the given Qt tools and overriding the paintEvent() method. You are forbidden from loading logo from an external file, your logo must be visualized after execution of code utilizing the Qt libraries.
4. Have the button "Enroll now" (it's quite obvious what it's for)

• The app might:

1. Contain the sorting system according to the course's title (alphabetical order), difficulty level, subject, language and subtitles.
2. Have a search option (through the course name)
3. Have the second window – Payment window. The button "Enroll now" redirect you to this window. Here

the customer can choose a way of using a course: get a certificate or access the course (free using for 3 months)

- **Additional information**

A text below is given for a way of getting a certificate

- Showcase a [verified certificate](#) of completion on your resumé to advance your career
- Get access to all course activities, including both graded and non-graded assignments, while the course is running
- Full access to course content and materials, even after the course ends
- Support our mission to increase access to high-quality education for everyone, everywhere

A text below is given for a way of free using a course for 3 months

- Get temporary access to non-graded activities, including discussion forums and non-graded assignments
- Get temporary access to the course material, including videos and readings
- Access expires and all progress will be lost in 3 months

- **GUI sketch**

[illegible]

\$49 USD

Get a certificate

- Showcase a verified certificate of completion on your resumé to advance your career
- Get access to all course activities, including both graded and non-graded assignments, while the course is running
- Full access to course content and materials, even after the course ends
- Support our mission to increase access to high-quality education for everyone, everywhere

Continue

FREE

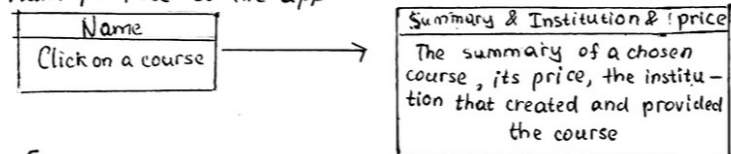
Access the course

- Get temporary access to non-graded activities, including discussion forums and non-graded assignments
- Get temporary access to the course material, including videos and readings
- Access expires and all progress will be lost in 3 months

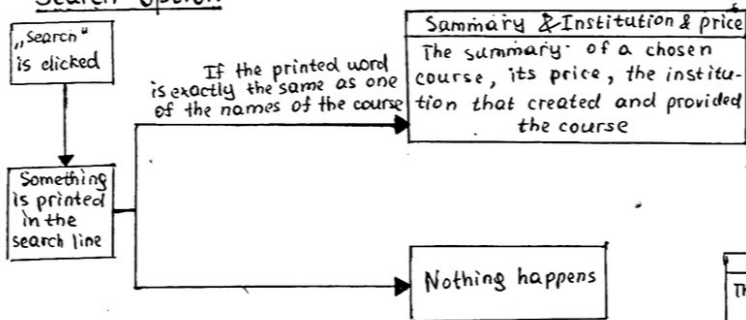
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Some screenshots

Main purpose of the app

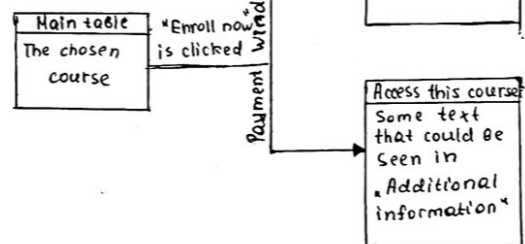


Search option



"Enroll now"

Button



"Sort by" Button

