Courses Requests Management System (Not Completed)

Objective:

The main purpose is learning. This demo handles a case study of courses Requests management system for an organization provide courses. I try to include power platform components (PowerApps "Canvas app, Model Driven app and Portal app", Power Automate "Automated Flow & Instant Flow" and DataVerse) in this demo project to show how these components integrate altogether to build a solution.

Problem Statement:

A company provides paid courses to students as well as they provide certifications upon the students pass the exams. The company need a digital solution to manage the system operations.

Business Scenario:

The student creates a request for a course and pays the fees and select the date.
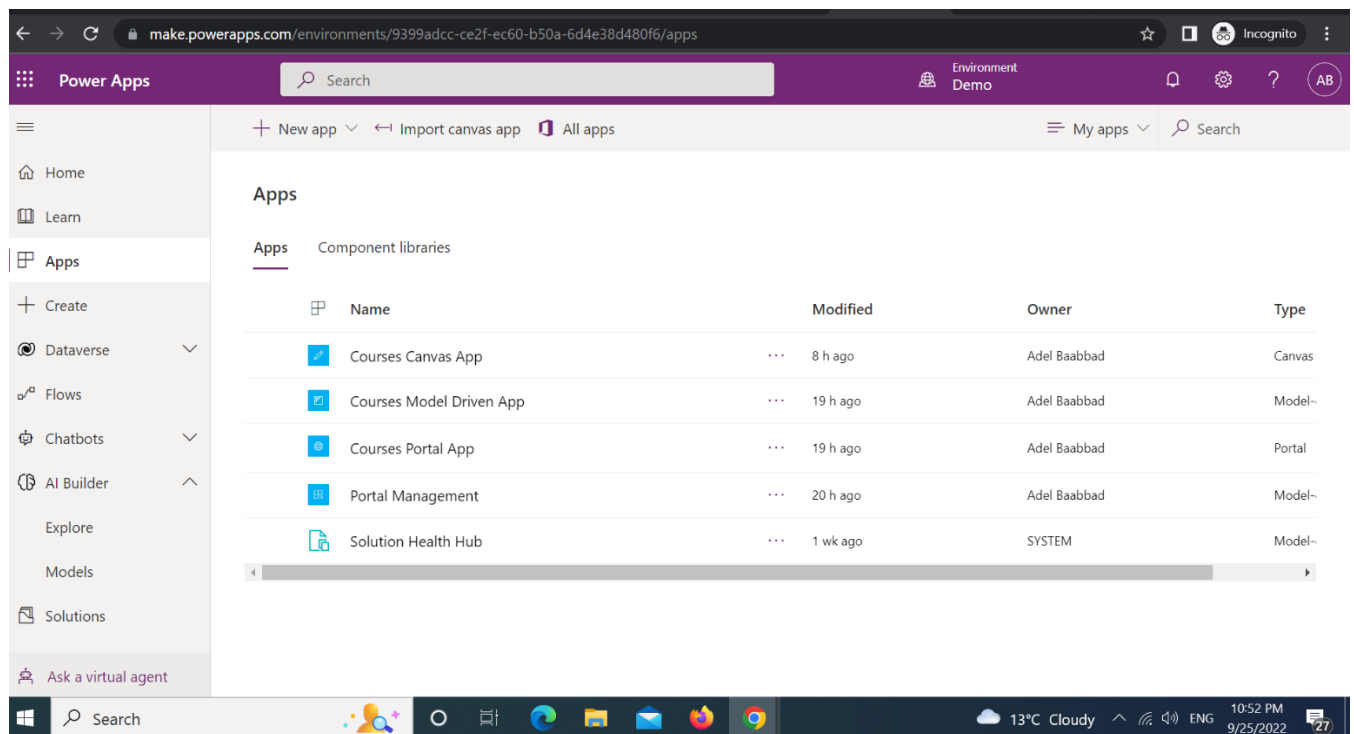
After completion the course, the student takes the exam.

The student gets the certificate once he passes the exam.

I use Dataverse as a database for the application.

I use PowerApps (PowerApps, Model Driven App, Portal App) to build the application.

I use Power Automate (Automated Flow & Instant Flow) to handle a new added item and delete a record.

Power Apps | Courses Model Driven App

SANDBOX

Active Course Requests

Edit columns   Edit filters   Search this view

	Student Name	Student Email	Phone Number	Requested Course	Created On
	Salem	Salem@test.com	3343212	COU-0001	9/25/2022 1:32 AM
	Laly	Laly@test.com	5562404	COU-0001	9/25/2022 6:05 AM
	Huda	Huda@test.com	676743	COU-0001	9/25/2022 6:38 AM

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Page 1

Show Chart   New   Delete   Refresh   Email a Link   Flow   Run Report

Home
Recent
Pinned

Course Group
Course
Request

12°C Cloudy   ENG   10:59 PM 9/25/2022

Power Apps | Courses Model Driven App

SANDBOX

Active Courses

Edit columns   Edit filters   Search this view

	Course Name	Course Duration	Fees	Course Status
	JavaScript Course	1 hour	$500.00	
	Power Platform	3.50 hours	$200.00	
	Math	3 hours	$120.00	New
	Chemistry	3 days	$300.00	New

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Page 1

Show Chart   New   Delete   Refresh   Email a Link   Flow   Run Report

Home
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Pinned

Course Group
Course
Request

12°C Cloudy   ENG   10:57 PM 9/25/2022

Power Apps | Courses Canvas App

Course Requests

Salem
Salem@test.com

Laly
Laly@test.com

Huda
Huda@test.com

Add

Power Apps | Courses Canvas App

✕ Request   ✓

Student Name

Salem

Student Email

Salem@test.com

Phone Number

3343212

Requested Course

COU-0001 ⌄

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Flows

Cloud flows　Desktop flows　Business process flows　Shared with me

	Name	Modified	Type
◆◆	Delete Course Request 🌐	9 h ago	Instant
◎	Change Course Status 🌐	9 h ago	Automated

https://canada.flow.microsoft.com/en-US/widgets/manage/environments/9399adcc-ce2f-ec60-b50a-6d4e38d480f6/flows?environment=9399adcc-ce2f-ec60-b50a-6d4e38d480f6&sdkVersion=2.1&widgetId=a15a4620-cd5e-4a89-9f8...