



GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY

Faculty of Management, Social Sciences and Humanities

Department of Languages

BSc in Applied Data Science Communication

INTAKE 40 – 2024

Assessment Title: Assignment 3 -
Microsoft Power Apps & Microsoft Power Automate

Module Name :
Advanced SQL and Cloud Databases

Module Code : LB 2224

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User Guide for Power Apps

<https://apps.powerapps.com/play/e/4fbb154d-89c7-e576-9a99-bd2139a6aa0a/a/d0312818-d709-439b-b362-7dccff571f31?tenantId=22426826-dc4c-401a-8d0e-7f97e64c0f99&sourcetime=1734295498439>

Trigger :

- Building an app using Microsoft Power Platforms to track student attendance.

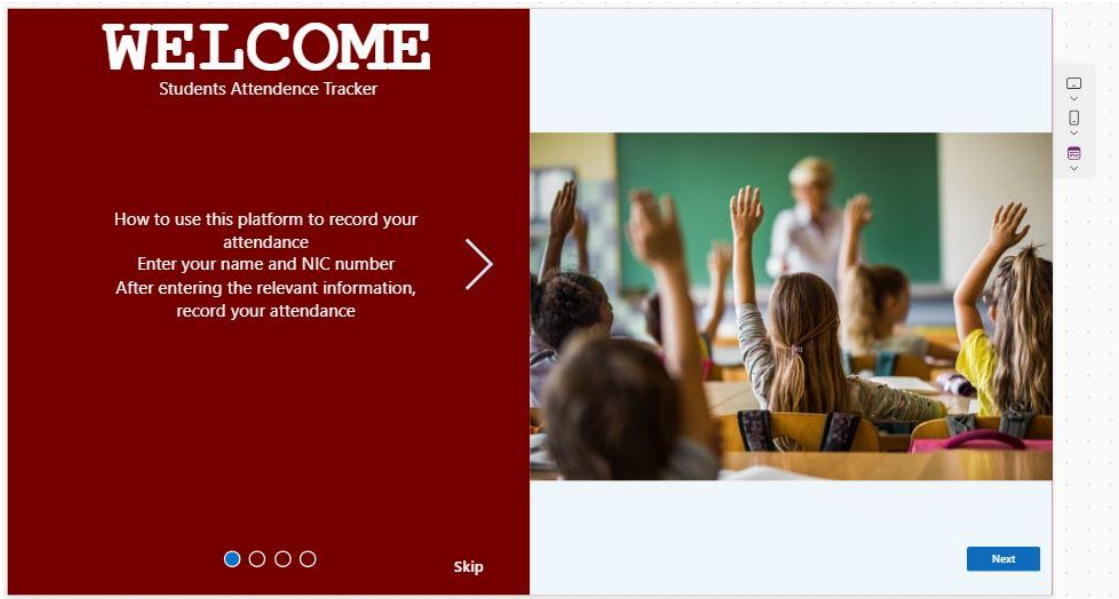
Actions:

- Record some personal information of each student, such as name, NIC, date and time of arrival.
- Create a report by obtaining the necessary information from the date and time of arrival of each student.

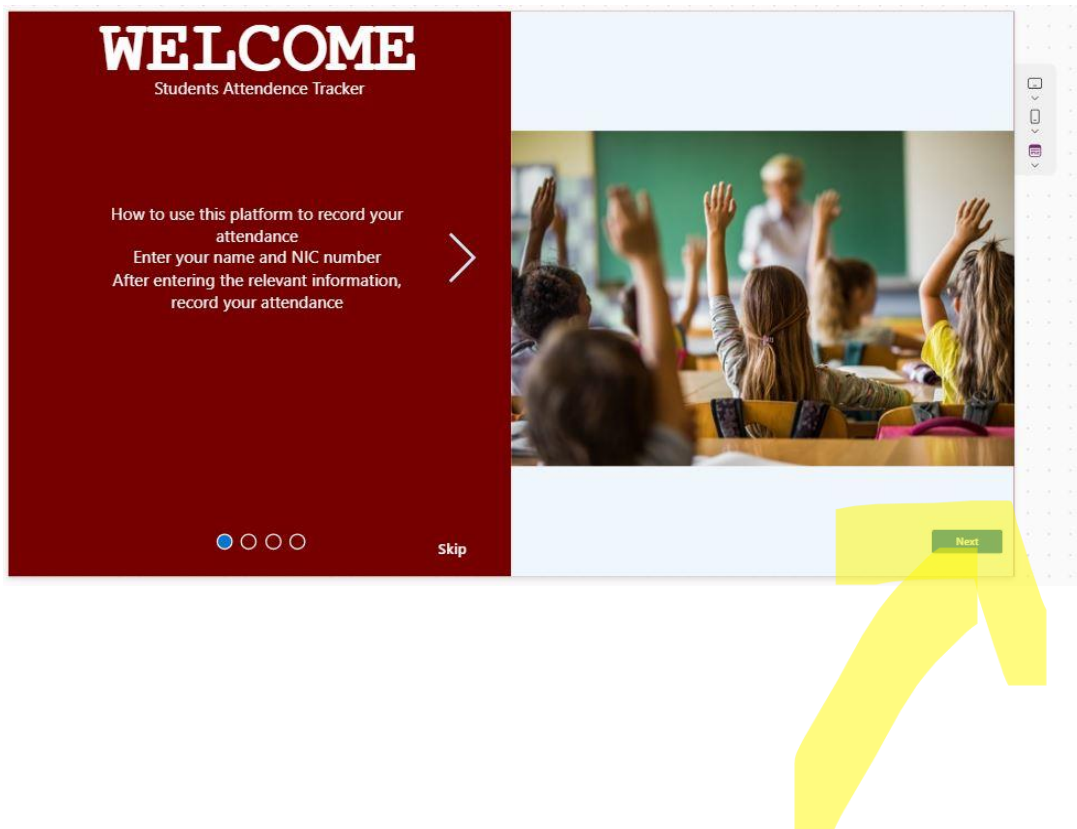
Tools Used:

- Microsoft Power platform
 - Power apps
 - Canvas app
 - Dataverse
- Microsoft Excel

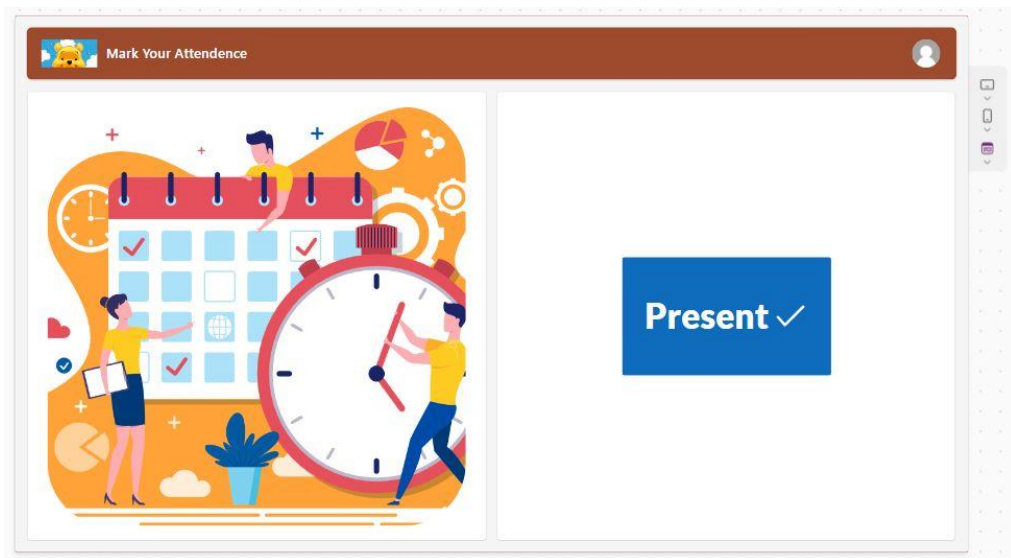
- The first page (Home Screen) welcomes the user to the app and explains what it is.
In addition, how to use it is explained in a simple way



- A button icon is used to access the next page.



- The students are directly directed to enter their attendance data by clicking the “present” button here.



- Here, student’s name, NIC number and Present date and time should be mentioned.

The screenshot displays a "Students" management page. On the left, a search bar is positioned above a list of student entries, each showing a name and a NIC number. The entry for "Diana Prince" is highlighted. On the right, a detailed view for "Diana Prince" is shown, featuring three input fields: "Student Name" (containing "Diana Prince"), "NIC Number" (containing "321654987V"), and "AttendanceDateTime" (containing "12/31/2001 00 :00"). At the bottom right of this view are "Back" and "Next" buttons.

Student Name	NIC Number
Diana Prince	321654987V

AttendanceDateTime
12/31/2001 00 :00

- To add a new record, click on this new icon and fill in this form.

The screenshot shows the 'Students' application interface. On the left, a sidebar contains a search bar and a list of students: Alice Smith (123456789V), Ethan Hunt (654321789V), Diana Prince (321654987V), Charlie Brown (456789123V), and Bob Johnson (987654321V). A yellow arrow points from the '+ New' button in the sidebar to the form on the right. The form is titled 'Diana Prince' and contains the following fields:

- Student Name:** A text input field.
- NIC Number:** A text input field.
- AttendanceDateTime:** A date and time picker showing '12/31/2001 00:00'.

At the bottom right of the form are 'Back' and 'Next' buttons.

- Every detail filled is recorded in the record list on the left. Here, you can click on any record and get the attendance information of that relevant student accurately.

The screenshot shows the 'Students' application interface with the record for 'saduni apsara' selected. The left sidebar shows the list of students, with 'saduni apsara' (200134567891) highlighted. The main form displays the following information:

- Student Name:** saduni apsara
- NIC Number:** 200134567891
- AttendanceDateTime:** 12/15/2024 20:14

At the bottom right of the form are 'Back' and 'Next' buttons.

- Then, by clicking the next button that appears below, you can confirm that your information has been recorded accurately.

