Pediatric Clinic

عيادة الدكتور هشام يوسف

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Problem Definition & Solution

Diagrams & Wireframes

Class Diagram & Use Case Diagram

ERD Diagram

Flowchart

Workflow

High Level System Architecture

System in visual studio

•	Pedic	atric Clinic desktop Application using C# and .Net framework for solving the problems that may
	faced	d doctors.
Technology used:		
•	1-	C# language
•	2-	.Netframe
•	3-	Microsoft Visual Studio
•	4-	SQL database

Problem definition:

Often the medical problems of children are always the greatest concern for parents, so they turn to pediatricians for better medical and health care and follow-up for their children and the extent of their health development. Therefore, clinics are crowded with children, which causes irregularity in the medical process.

Proposed solution:

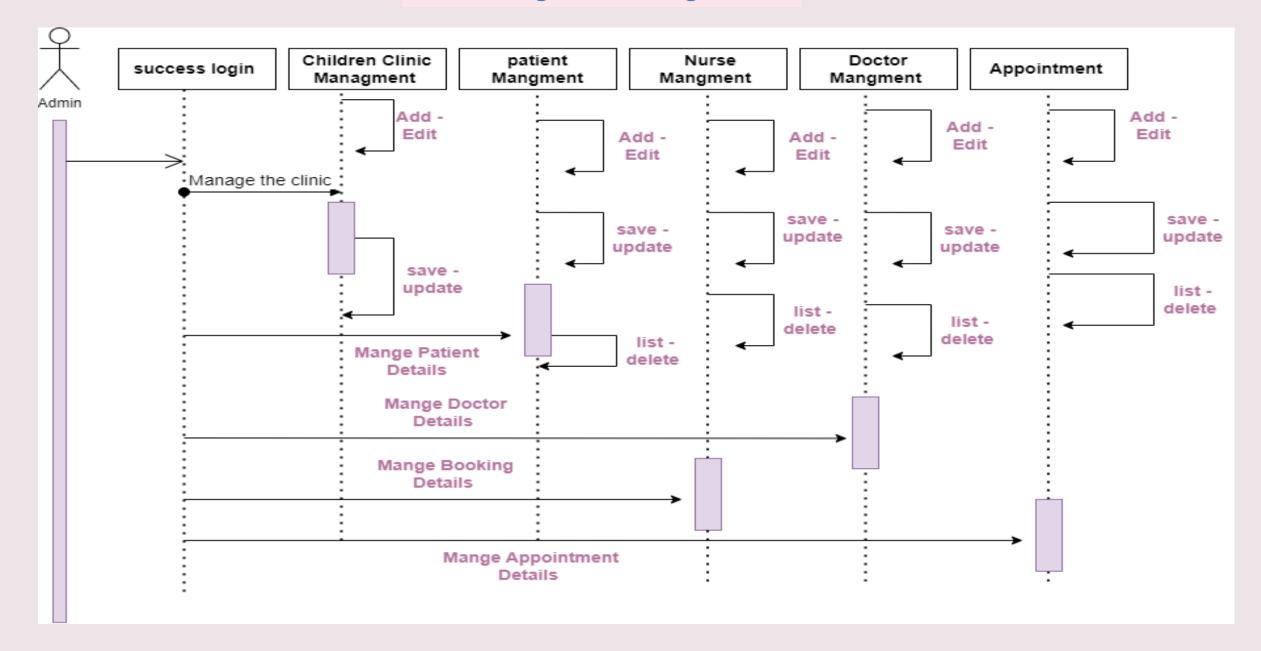
We created a desktop application in C# language to solve the problems in pediatric clinics represented by overcrowding due to the large number of people and many other problems.

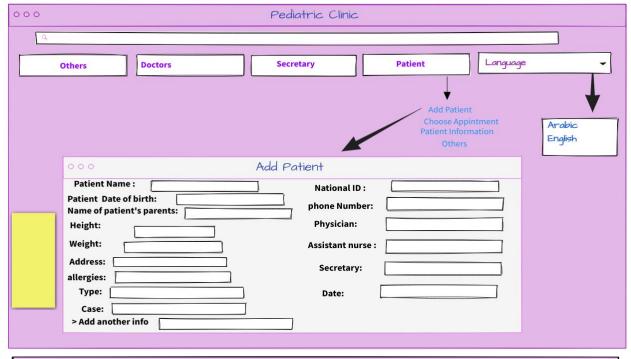
As: 1. Timetable

- 2. Payment
- 3. Doctor view including (History, Doctors, Treatment plan, Appointments, samples, OCR, etc.)
- 4. Nurses view including (Appointments, Medical Record, Nurses, Payment, Drugs, etc.)
- 5. Sources

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Last Assignment Diagrams

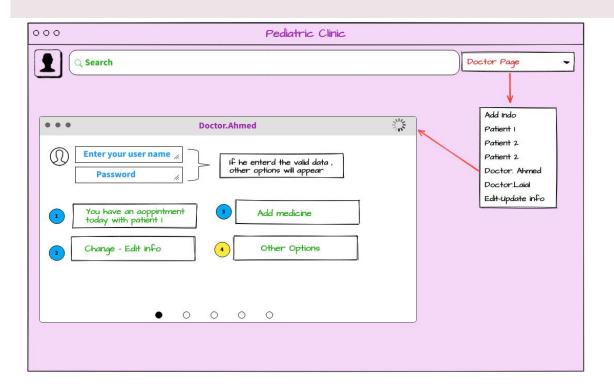




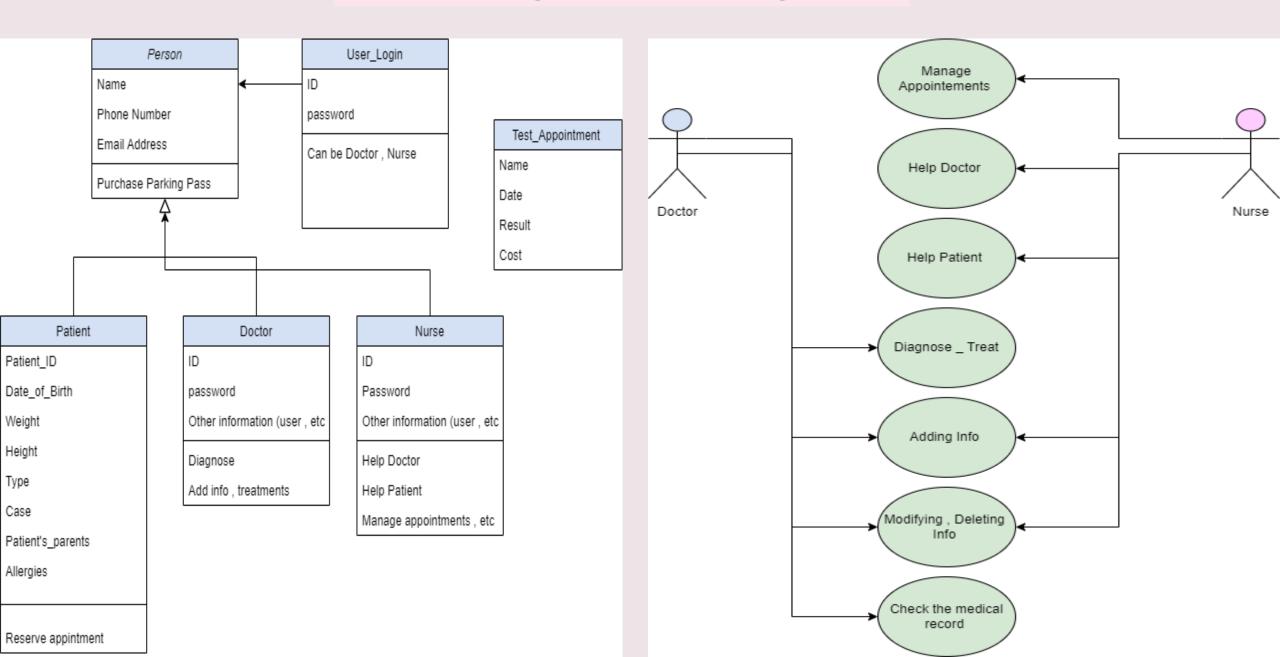


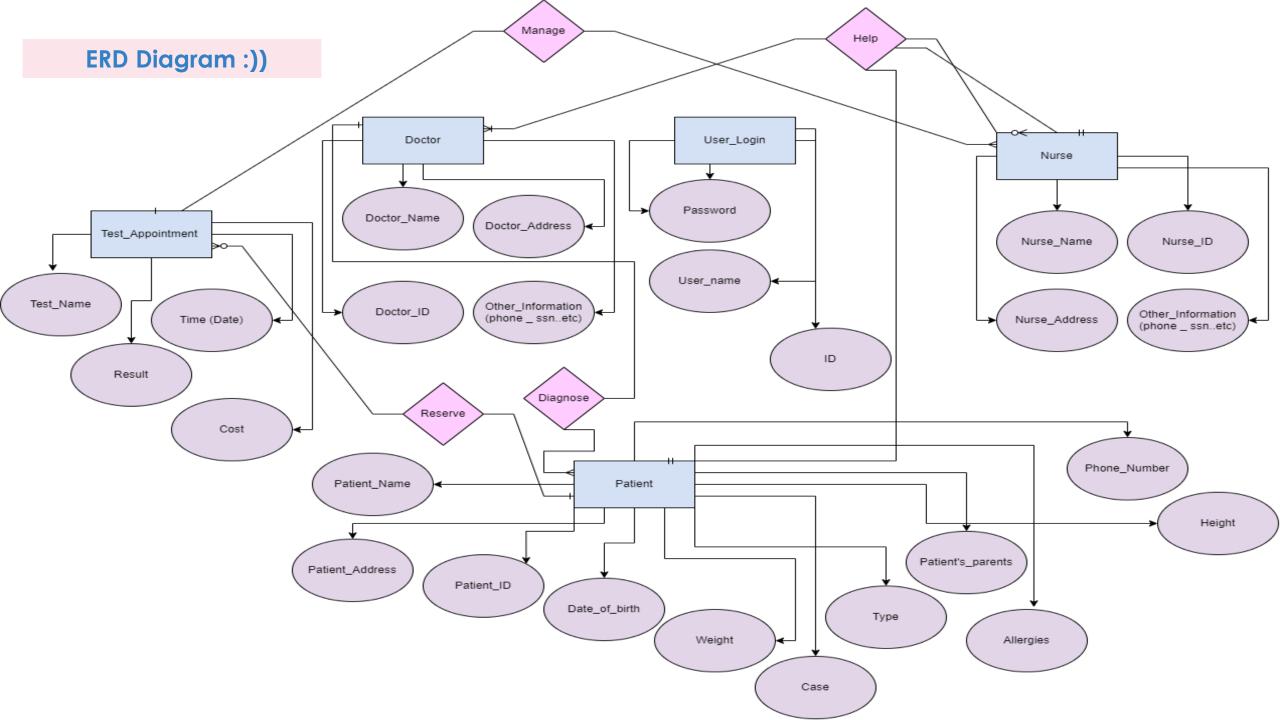
Cont.. (Wireframes)

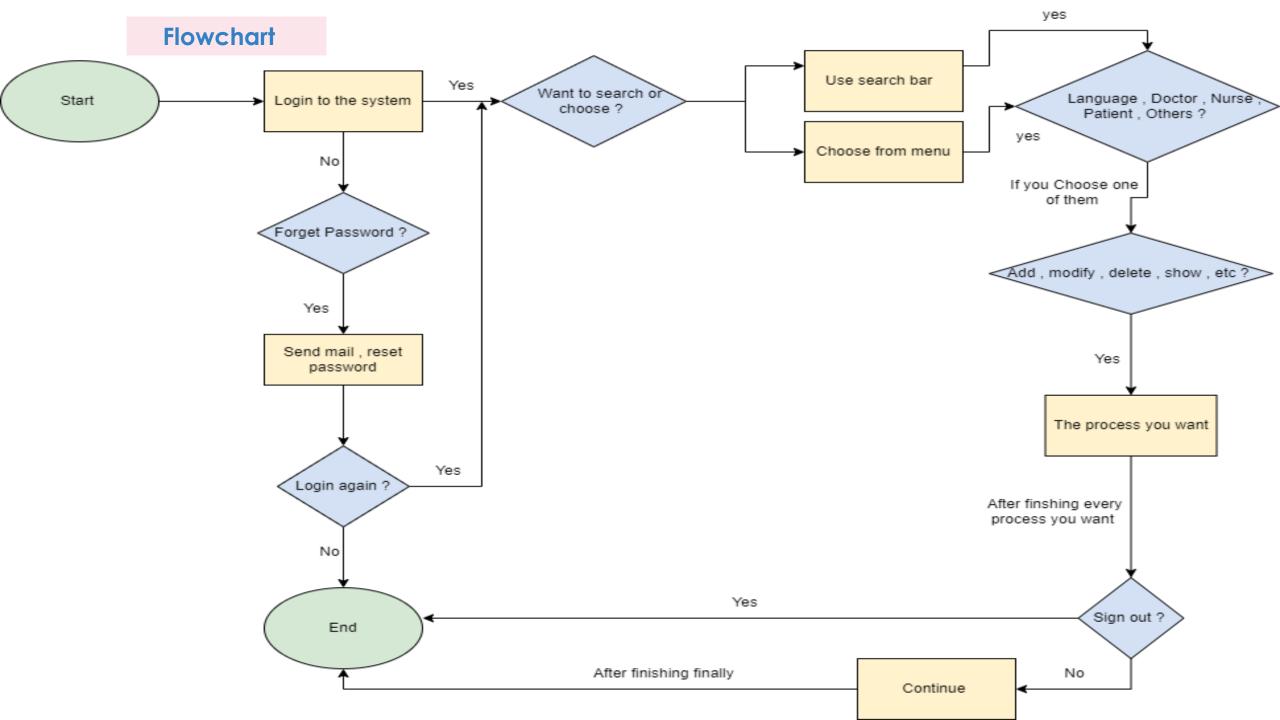


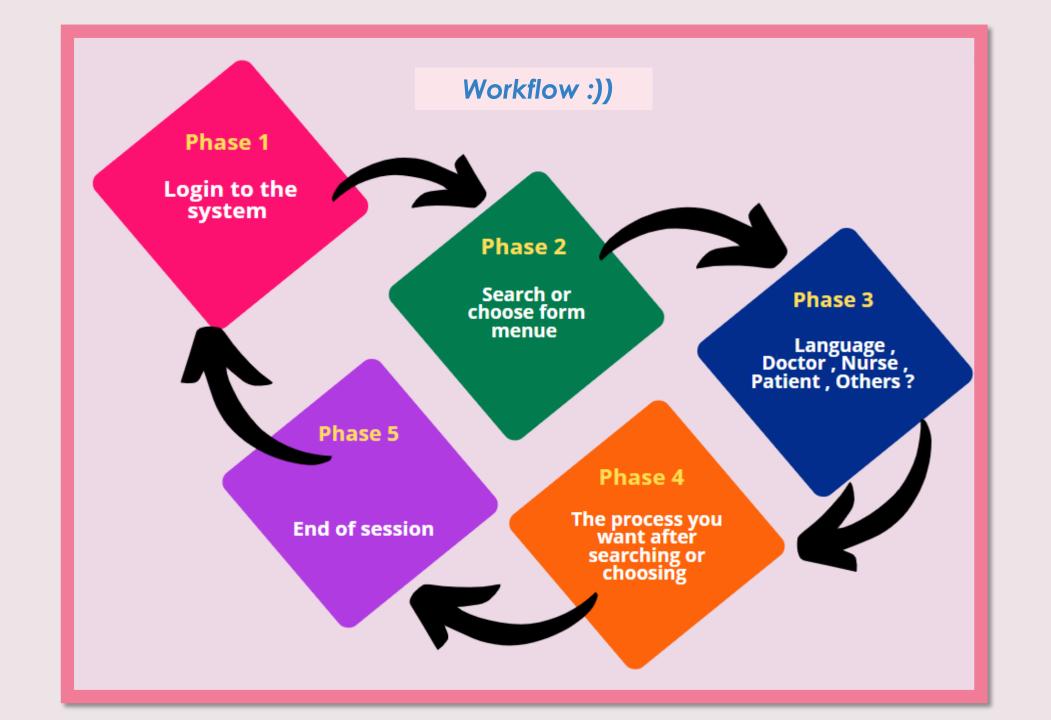


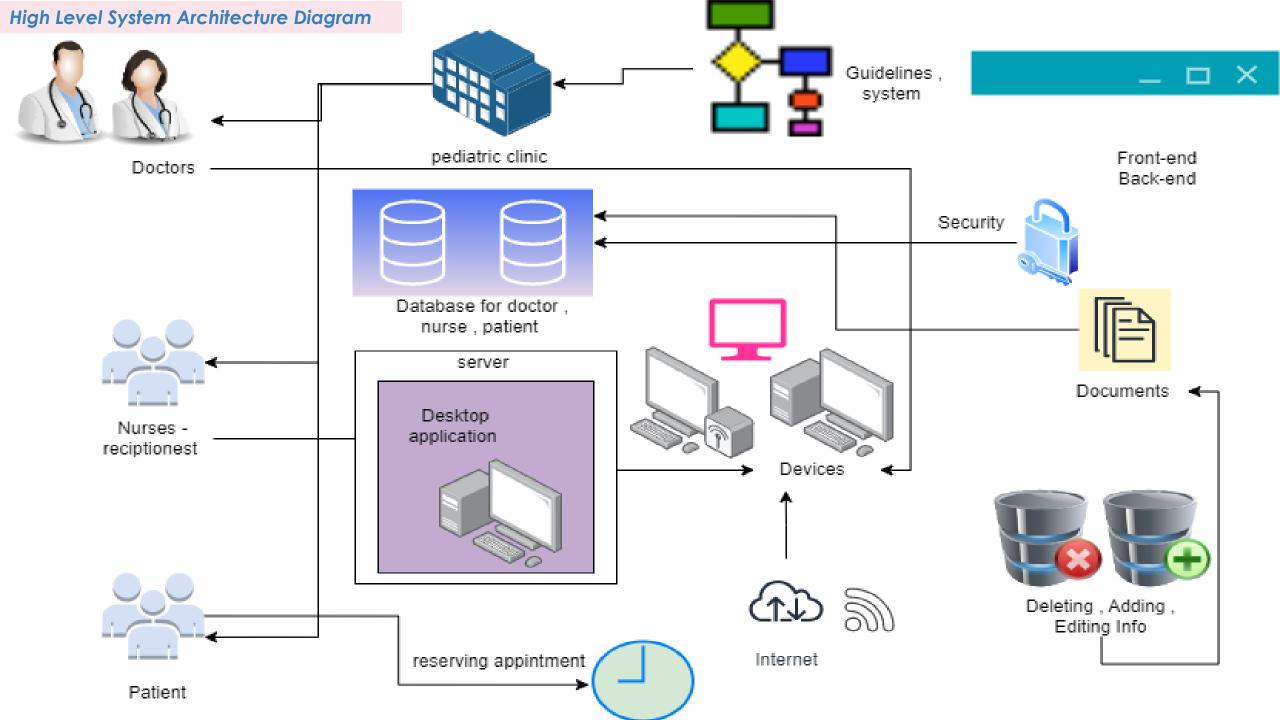
Class Diagram & Use Case Diagram



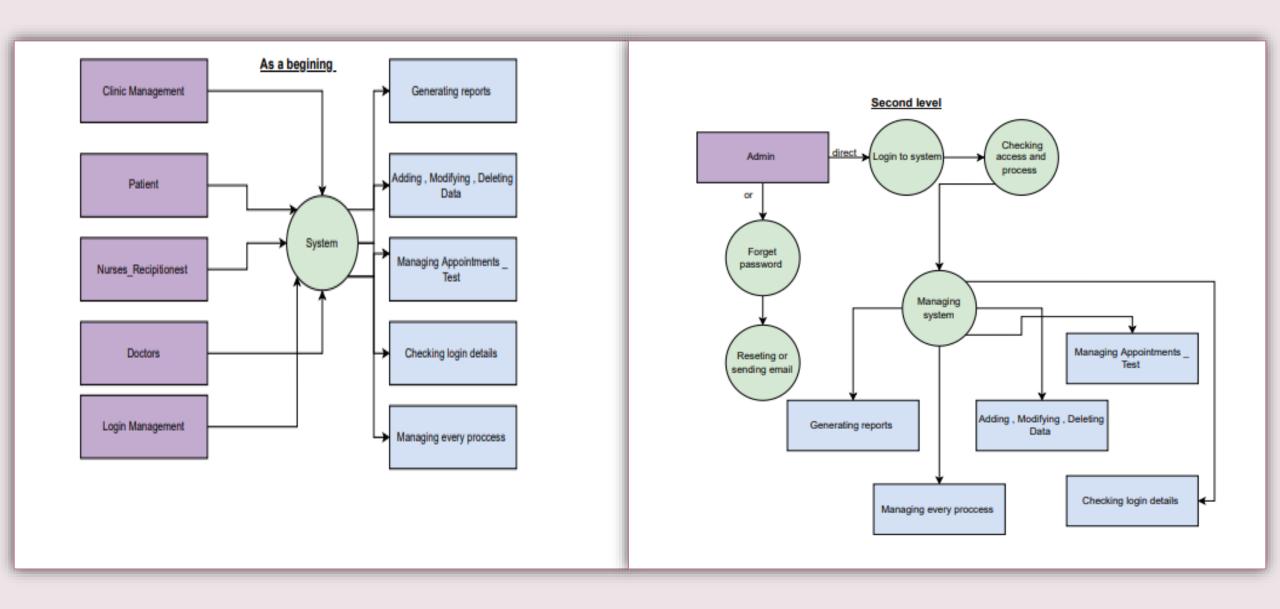


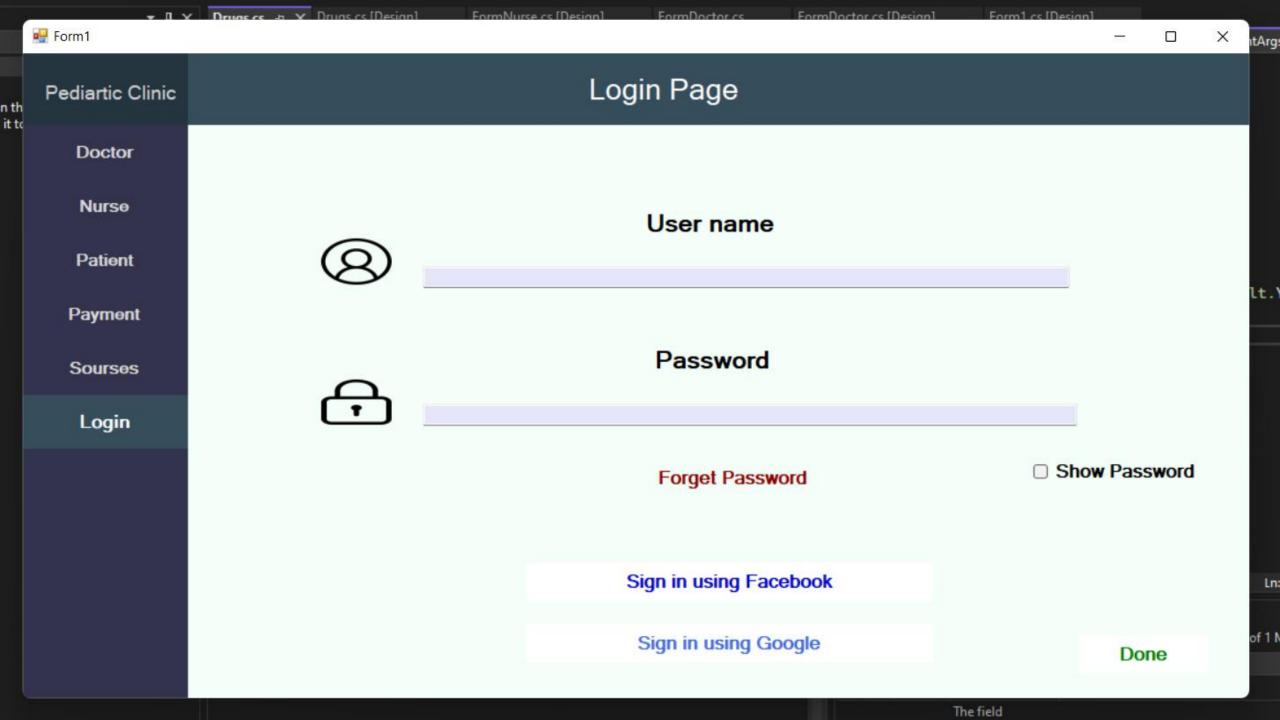


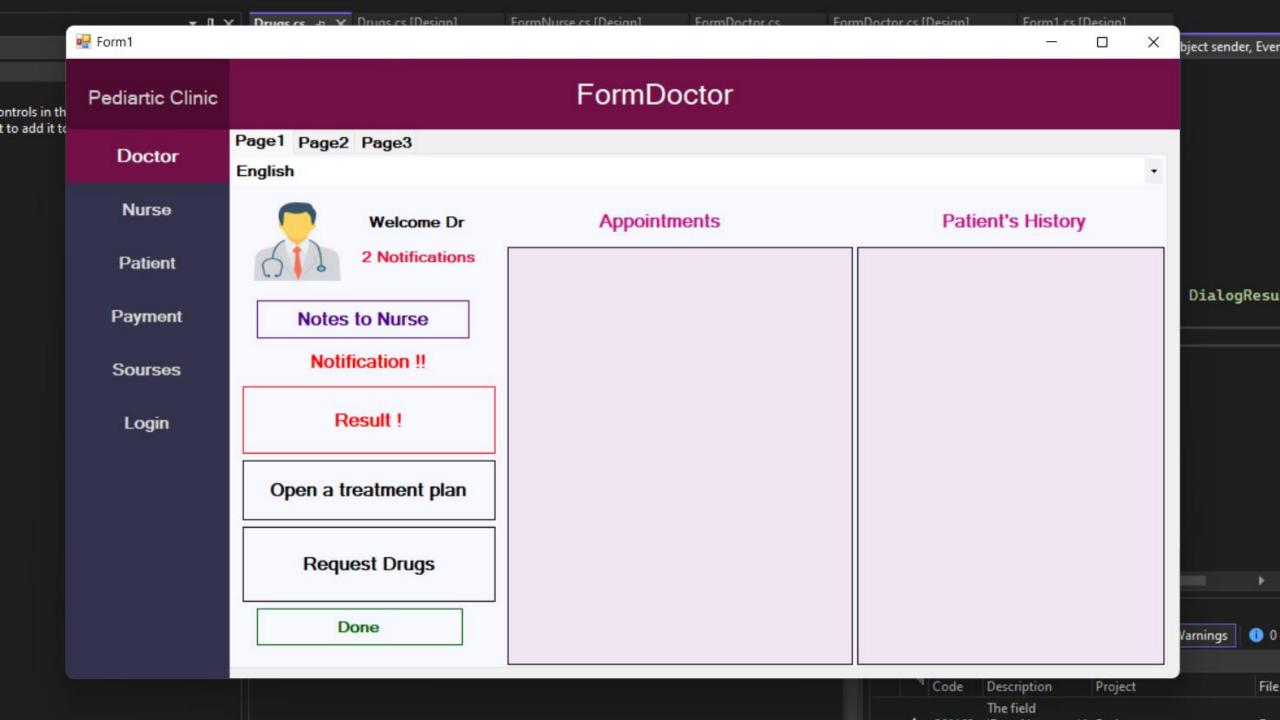


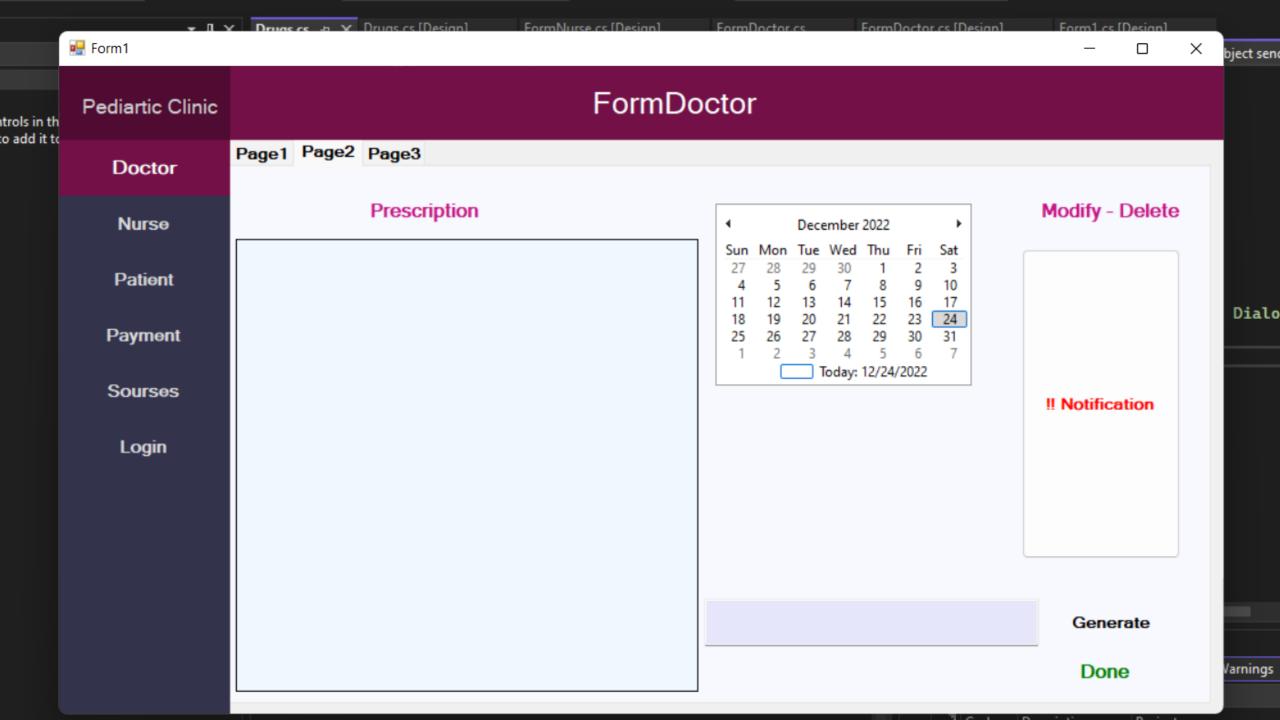


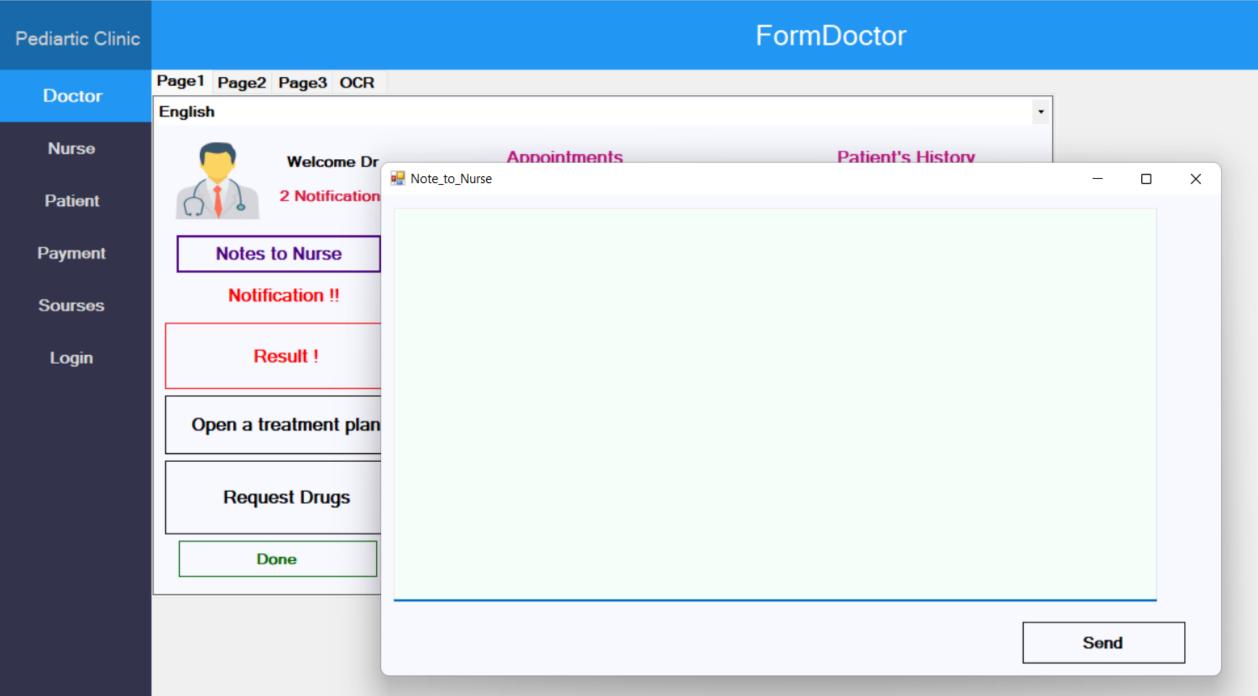
Data Flow Diagram









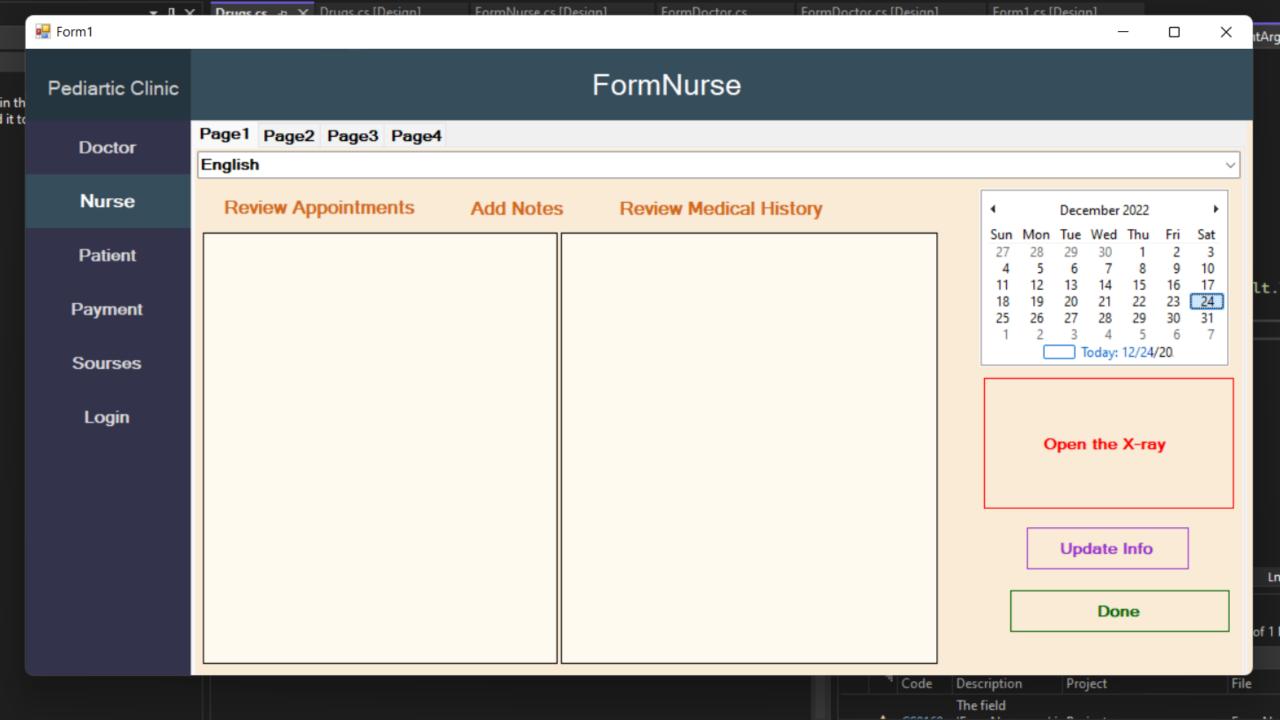


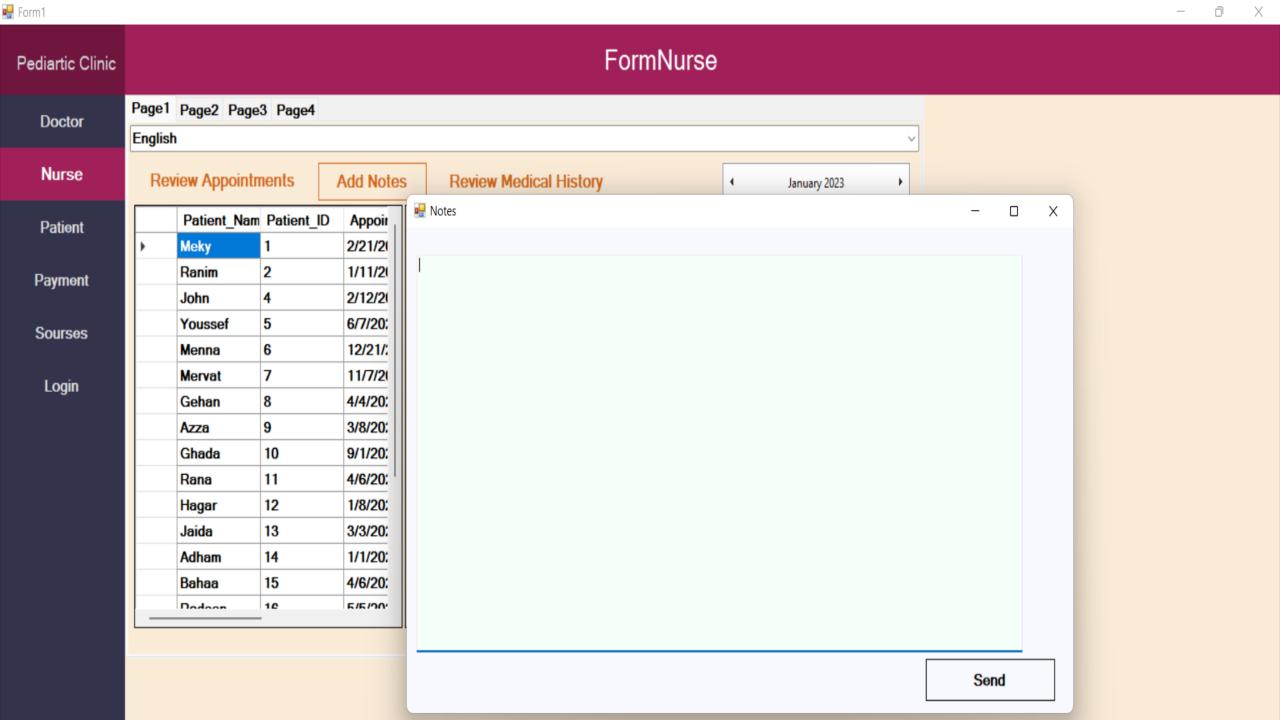


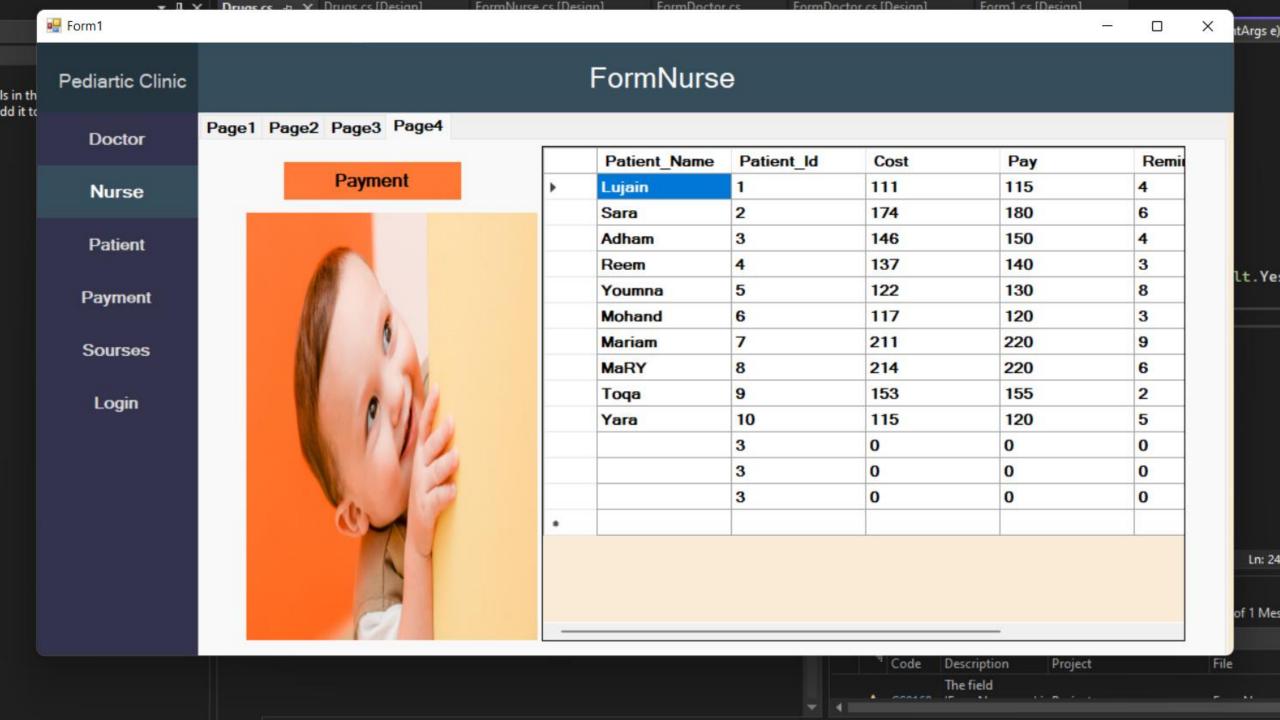
Finish

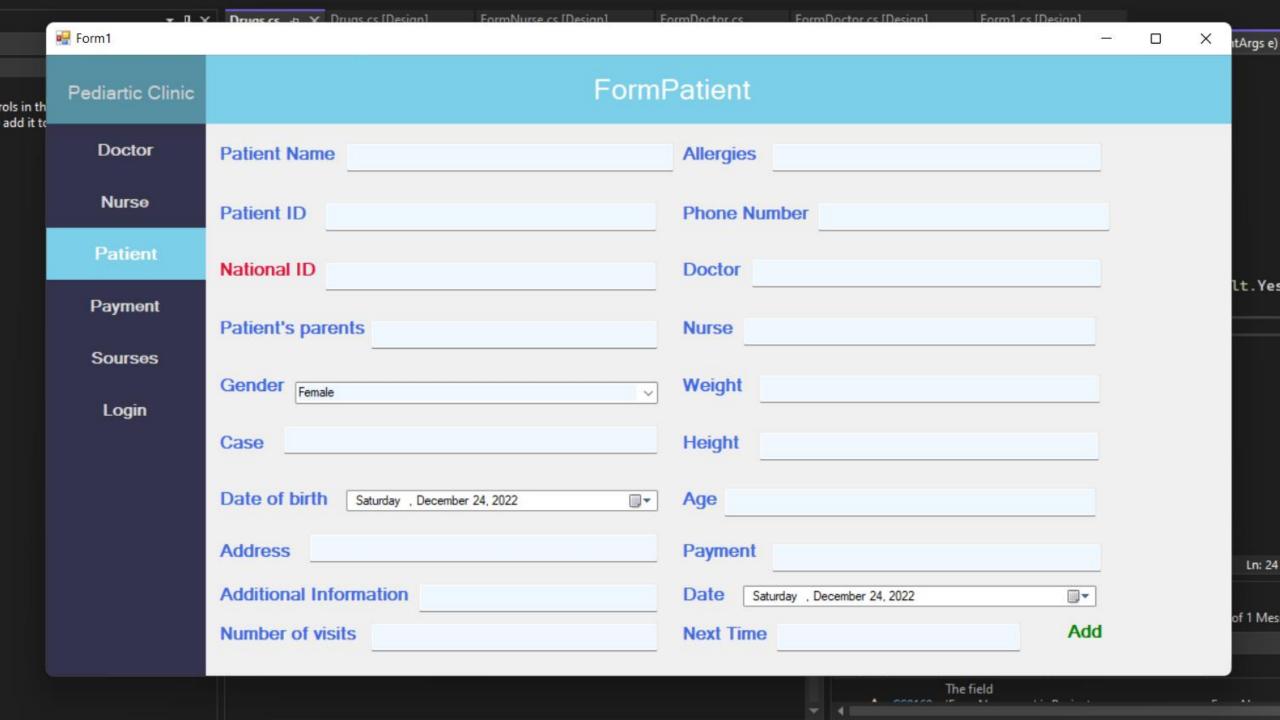
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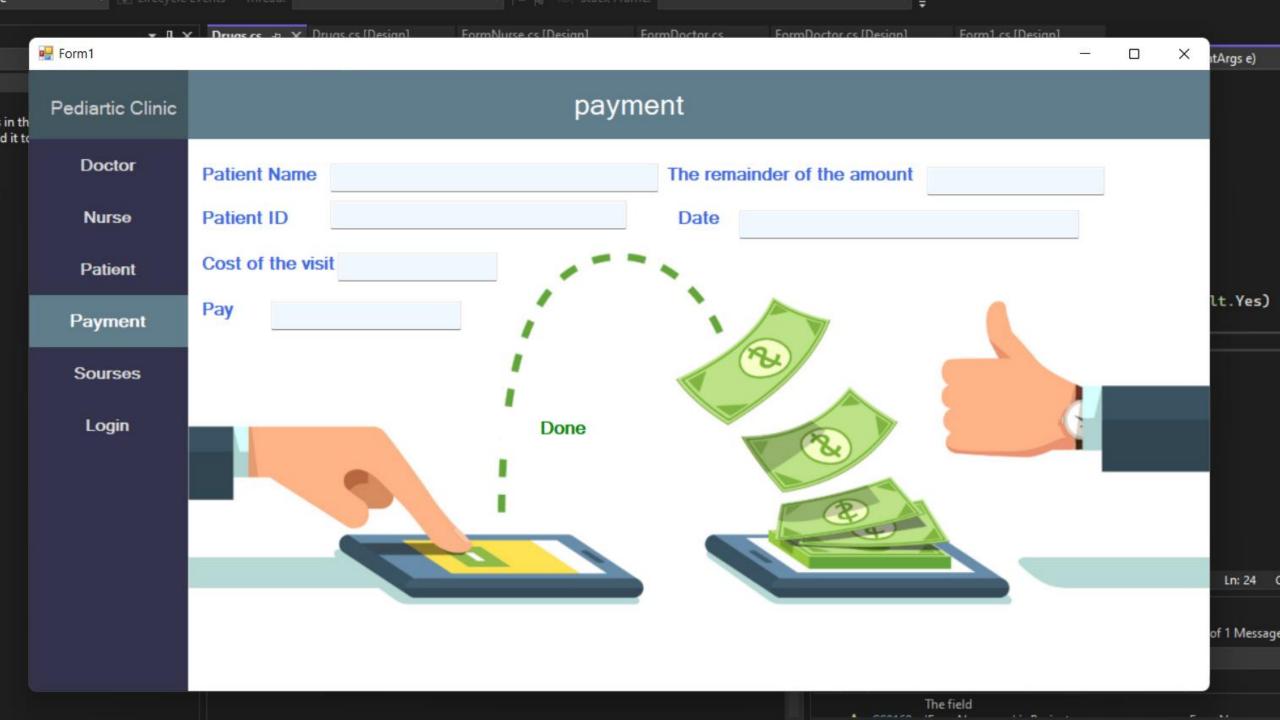
FormDoctor Pediartic Clinic Page1 Page2 Page3 OCR Doctor English Nurse Welcome Dr **Doctor Name Patient Name** 2 Notifications **Patient** Patient ID **Doctor ID Payment Notes to Nurse** Notification !! Sourses First drug Result! Login Second drug The number of doses during the day Open a treatment plan Third drug Request Drugs Fourth drug Fifth drug Done Done ■• Date Monday , January 9, 2023

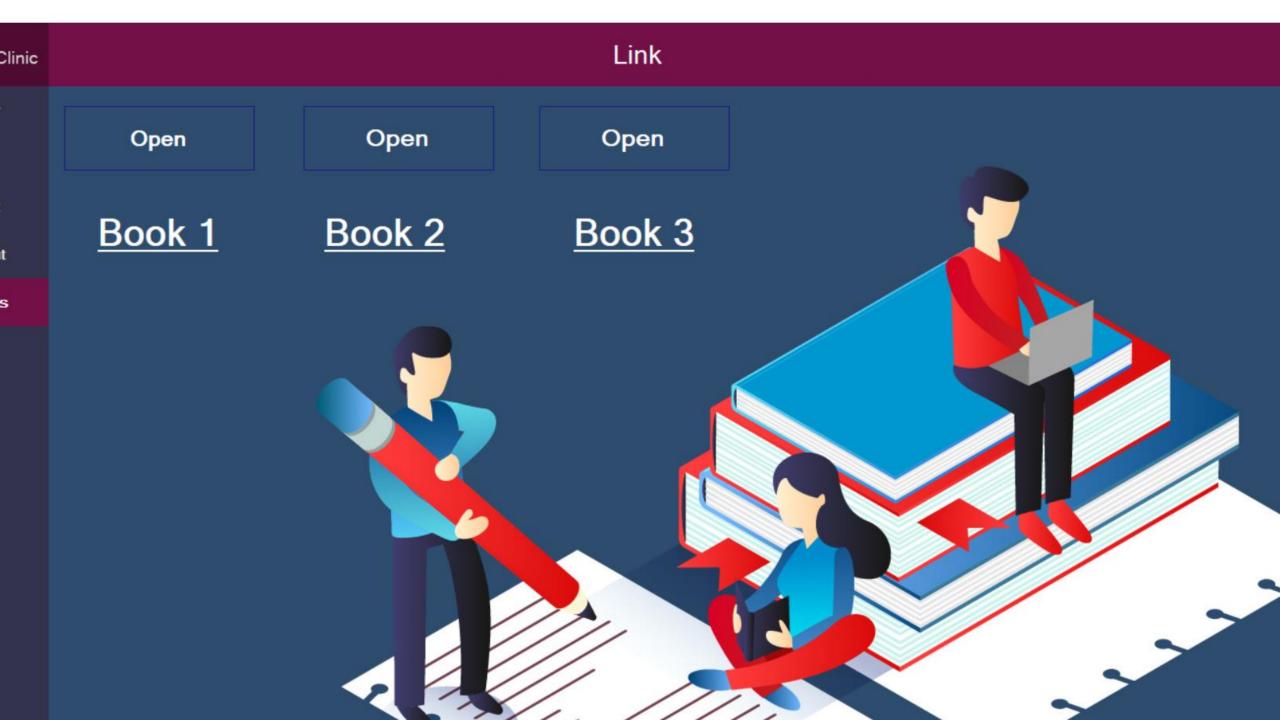


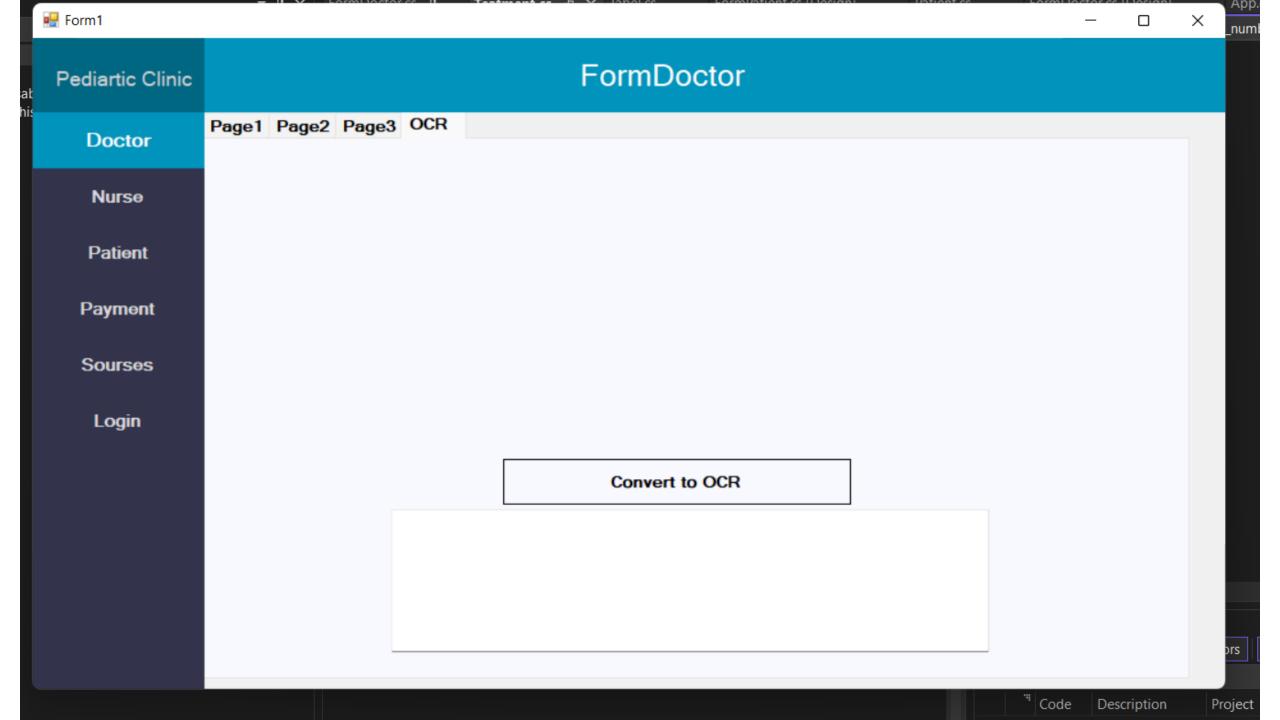


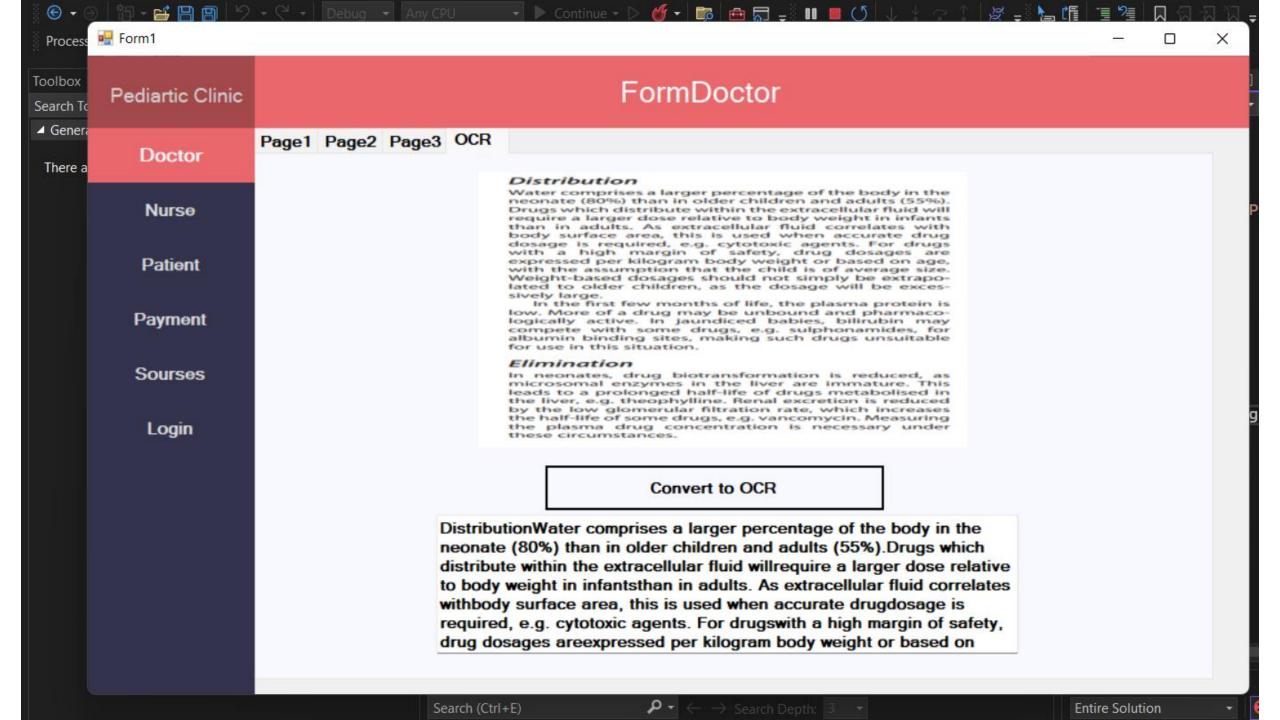


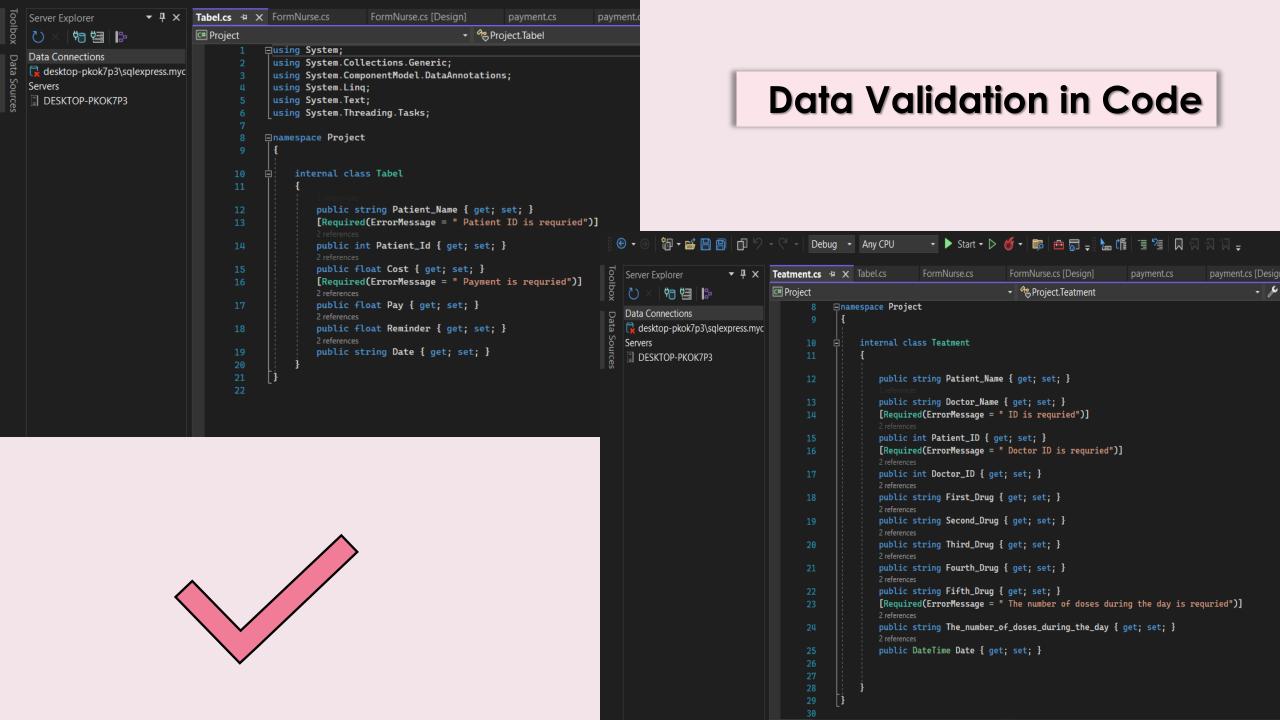












The link of \rightarrow video of Dr. Hesham

https://drive.google.com/drive/folders/1Yx9HRdMeGQBY7eSdxuNaAUOFuQ4hWLOY?usp=sharing

