

Healthcare Empowered by Technology

Prof Dhiya Al-Jumeily OBE

Dr Ahmed Aljaaf



INTELLIGENT **P**ATIENT
MANAGEMENT **S**YSTEM

a.j.aljaaf@gmail.com

07811722940

Highlight

- The problem
- Our aim
- Prototype
- Your part



The problem

In most of Iraqi hospitals, there is ...

- No patients' history,
- No reports or documents to estimate medical errors,
- No research-based data collection to develop policy or decision-making,
- No access to medical history, such as allergies, medication list, long-term conditions, operations, or tests.

Aim

- We aim to address these challenges by establishing an intelligent health record and patient management system, which will help in recording and aggregating of clinical data, improved capacity for analysis and use of information.



Objectives

Provide	Provide accurate, up-to-date, and complete information about patients.
Improve	Improve aggregation and analysis of patient information at General Hospitals. This improves the ability to diagnose diseases and reduce - even prevent - medical errors.
Help	Help clinician in the emergency department via providing information about a patient's life-threatening allergy.

Objectives

Create	Create digital files for patients' history, examination, diagnosis, and treatment.
Assist	Assist clinicians at General Hospitals in making safer therapeutic decisions and writing reliable prescriptions (different symptoms for different patients for the same disease)
Documentation	Documentation of patient's pathology using ICD-10 system.



INTELLIGENT PATIENT
MANAGEMENT SYSTEM

User name:

practice.admin

Password:

.....

Log in

Change Account?

Forgot Login?

Prototype (Login)

Prototype (Add new Patient)

Import Summary of Care Document Import CCR/CCD/CCDA

First Name: *

Middle Name:

Last Name: * Suffix:

Previous Name/Birth Name:

DOB: *

Sex: *

Ethnicity: *

Races: *

Preferred Language: *

Gender Identity: *

Sexual Orientation: *

Address 1: *

Address 2:

City: *

State: *


Zip Code: * County:

Home Phone: * Not Given

Work Phone: Extension:

Cell Phone:

Comments:

Photo: 

Driver License:

Custom Patient ID:

Driver License ID:

Driver License State: Same as Address? Yes No

Marital Status:

SSN:

Guardian's Name:

Emergency Contact:

Emergency Phone:

Email Address:

Status:

Patient Portal: [Create Account for Patient Portal](#)

Prototype (Record number)

Patient Chart

[Register for Dragon Voice?](#)

General Information

Medical Information

Attachments

Ahmed Aljaaf, age: 36 (MRN: 100007, Male, DOB: 06/10/1985)

[Add Appointment](#) or Quick Visit:



Demographics

Patient Preferences

Advance Directives

Insurance Information

Guarantor

Records

Appointments

Ahmed Aljaaf, age: 36 (**MRN: 100007**, Male, DOB: 06/10/1985)

[Add Appointment](#) or Quick Visit:



Search and Users Management

Search Charts

Last Name: First Name:

SSN: DOB: Advanced

MRN: Custom Patient ID:


Search



Add New Patient

Last Name ▼	First Name	MRN	Sex	DOB	Home Phone	Cell Phone	Status
Aljaaf	Ahmed	100007	M	06/10/1985	000-000-0000		New

Search and Users Management

User Accounts [User Roles](#) [User Groups](#) [User Locations](#)

Find User: Role: **-All Roles-** 

<input type="checkbox"/>	Last Name	First Name	Username	Schedule Color
<input type="checkbox"/>			practice.admin	
<input type="checkbox"/>	House	Test	thouse	

Add New **Deactivate Selected**

- All Roles-
- All Roles-
- API
- Emergency Access
- Front Desk
- Medical Assistant
- Nurse Practitioner
- Office Manager
- Physician
- Physician Assistant
- Practice Admin
- Registered Nurse

Prototype (Allergies)

- Summary
- HX
- Allergies
- Problem List
- Labs
- Radiology
- Procedures
- Imm/Injections
- Supplies
- Meds
- Health Maintenance
- Vitals

- Allergy History
- Patient Reported
- Practice Reported
- Transition of Care/Referral
- Show All Allergies

<input type="checkbox"/>	Agent	Type	SNOMED	Reactions	Source	Status
<input type="checkbox"/>	Penicillin	Drug	416098002		Practice Reported	Active

- Add New
- Delete Selected

Display 1-1 of 1

Prototype (Allergies)

Type:*

Select Type ▾

Agent:*

Select Type

Rx Norm:

Drug

SNOMED:

Environment

Food

Reaction #1:

Inhalant

Severity: Select Severity ▾ **Add**

Source:*

Insect

Start Date:

Plant

End Date:

Other

Status:

Active ▾

Prototype (History)

Medical History

Surgical History

Social History

Family History

Conservative Therapy

Medical History

<input type="checkbox"/>	Diagnosis	Start Date	End Date	Occurrence	Comment	Status
<input type="checkbox"/>	Migraine without aura - not intractable - with status migrainosus [G43.001]	February, 2017		Chronic/Recurrent		Active

Add New

Delete Selected

Display 1-1 of 1

Prototype (Medication)

Medications

Point of Care

Refill Summary



e-Prescribing History

Patient Reported

Practice Prescribed

Transition of Care/Referral

Show All Medications

Medication	Source	Diagnosis	RxNorm	Start Date	End Date	Status	
 Citalopram 10 MG Disintegrating Tablet, tab	Practice Prescribed		645289	01/03/2022	06/03/2022	Active	

Add New

Display 1-1 of 1

Prototype (Procedures)

Summary

HX

Allergies

Problem List

Labs

Radiology

Procedures

Point of Care

Outside Procedure



Procedure Name

Priority

Details

Delete Selected

Prototype (Radiology)

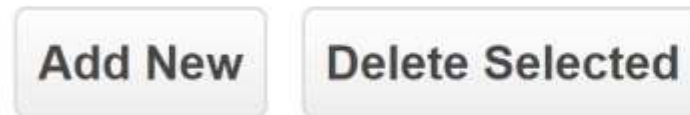
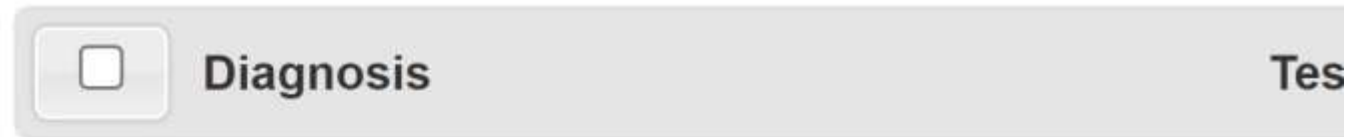
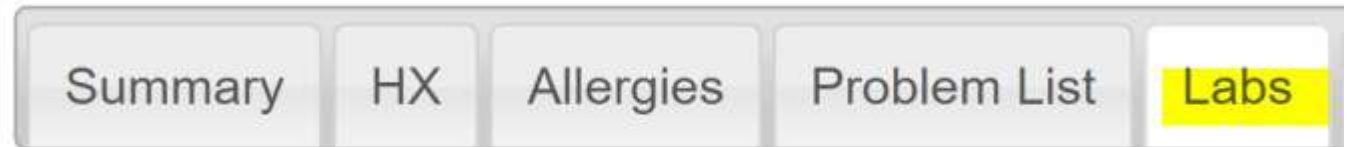
Summary HX Allergies Problem List Labs **Radiology**

Point of Care Outside Radiology Other Results

<input type="checkbox"/>	Procedure Name	Priority	La
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Delete Selected

Prototype (Lab tests)



Prototype (Imm./Injections)

Immunizations

Injections

<input type="checkbox"/>	Vaccine Name	Priority	Date Performed	Lot Number	Manufacturer	Dose	Administered by
<input type="checkbox"/>	COVID-19, mRNA, LNP-S, PF, 100 mcg or 50 mcg dose [207]	Urgent	01/03/2022	12892-12	pfizer	First	Al-Yarmouk Hospital

Add New

Delete Selected

Immunization Table

Immunization Record

Request History and Forecast

Display 1-1 of 1

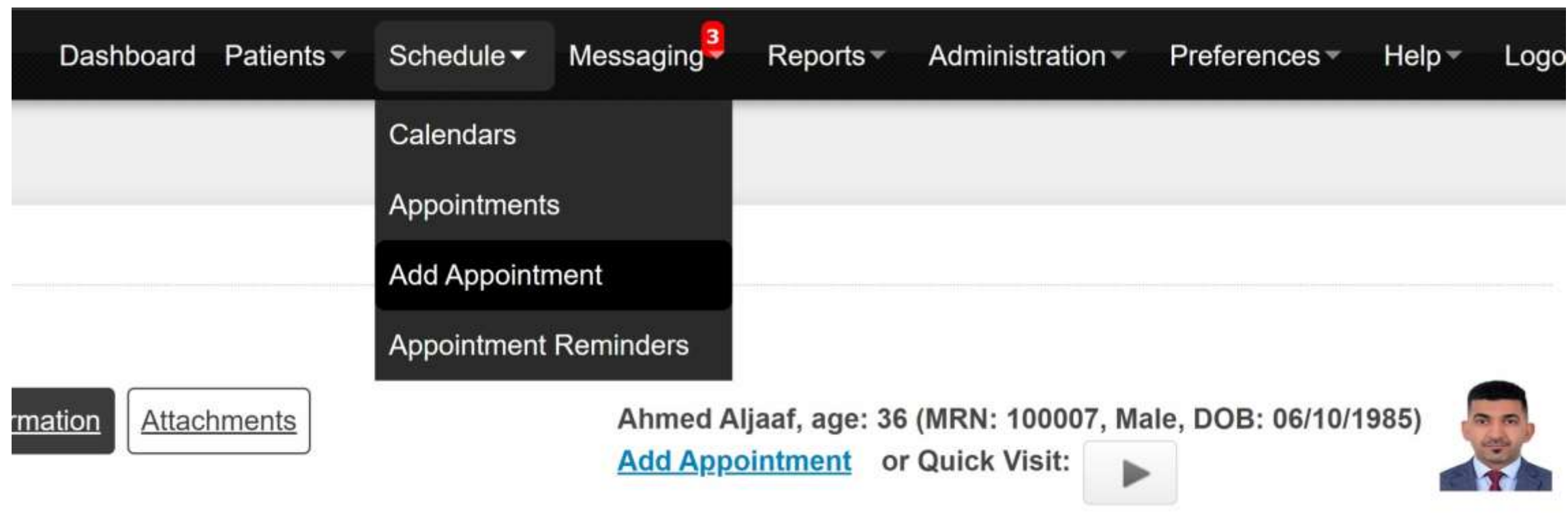
Prototype (Imm./Injections)

Immunizations Injections

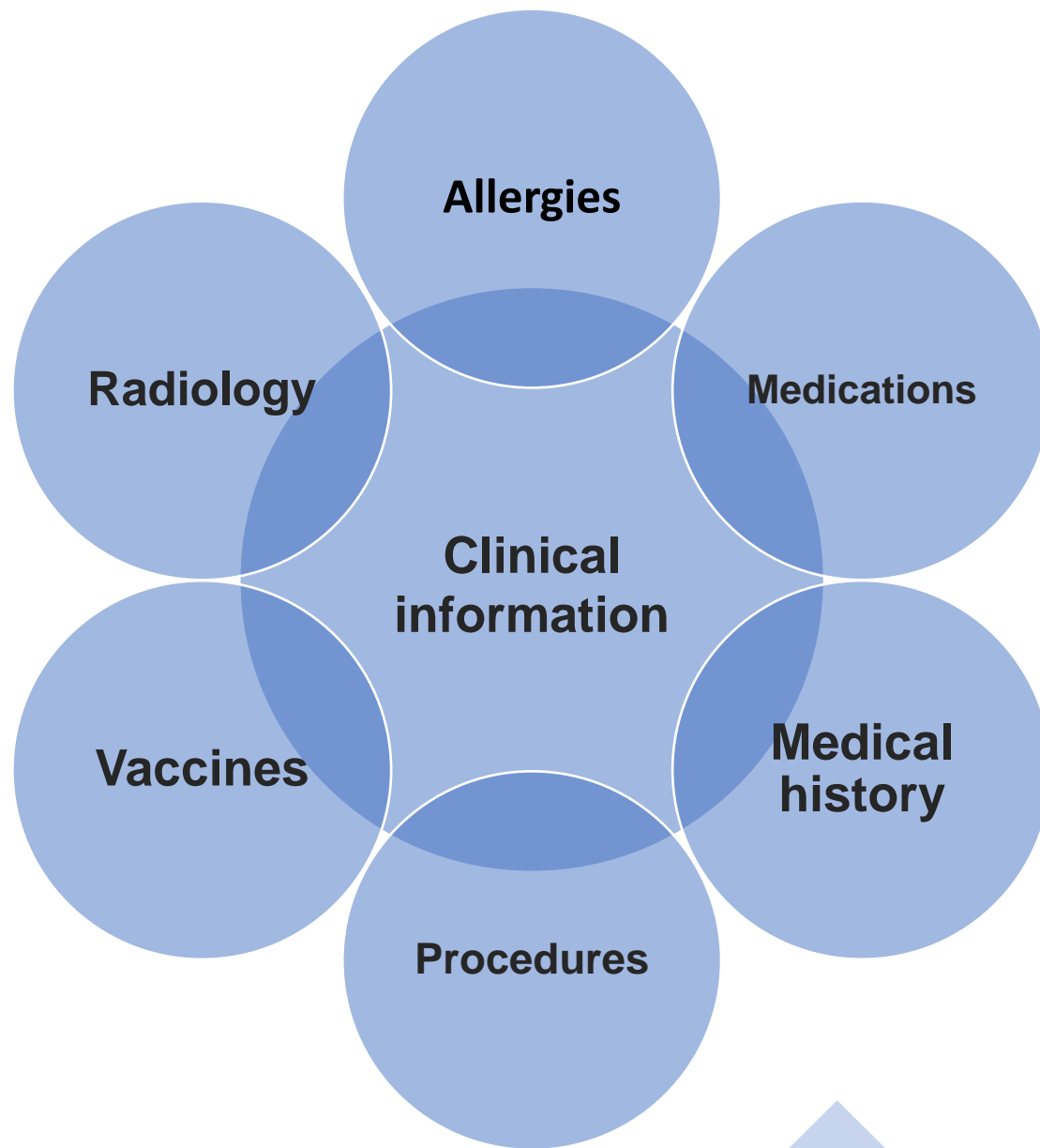
Vaccine	Age	Birth	1 month	2 months	4 months	6 months	12 months	15 months	18 months	19-23 months	2-3 years	4-6 years	7-10 years	11-12 years	13-18 years
Hepatitis B		Missing	Missing	Missing		Missing	Missing	Missing	Missing				Missing	Missing	Missing
Rotavirus				Missing	Missing	Missing									
Diphtheria, Tetanus, Pertussis				Missing	Missing	Missing		Missing	Missing			Missing		Missing	Missing
Haemophilus influenzae type b				Missing	Missing	Missing	Missing	Missing							
Pneumococcal				Missing	Missing	Missing	Missing	Missing			Missing	Missing	Missing	Missing	Missing
Inactivated Poliovirus				Missing	Missing	Missing	Missing	Missing	Missing			Missing	Missing	Missing	Missing
Influenza						Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing
Measles, Mumps, Rubella							Missing	Missing				Missing	Missing	Missing	Missing
Varicella							Missing	Missing				Missing	Missing	Missing	Missing
Hepatitis A							Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing
Meningococcal											Missing	Missing	Missing	Missing	Missing
Human Papillomavirus														Missing	Missing

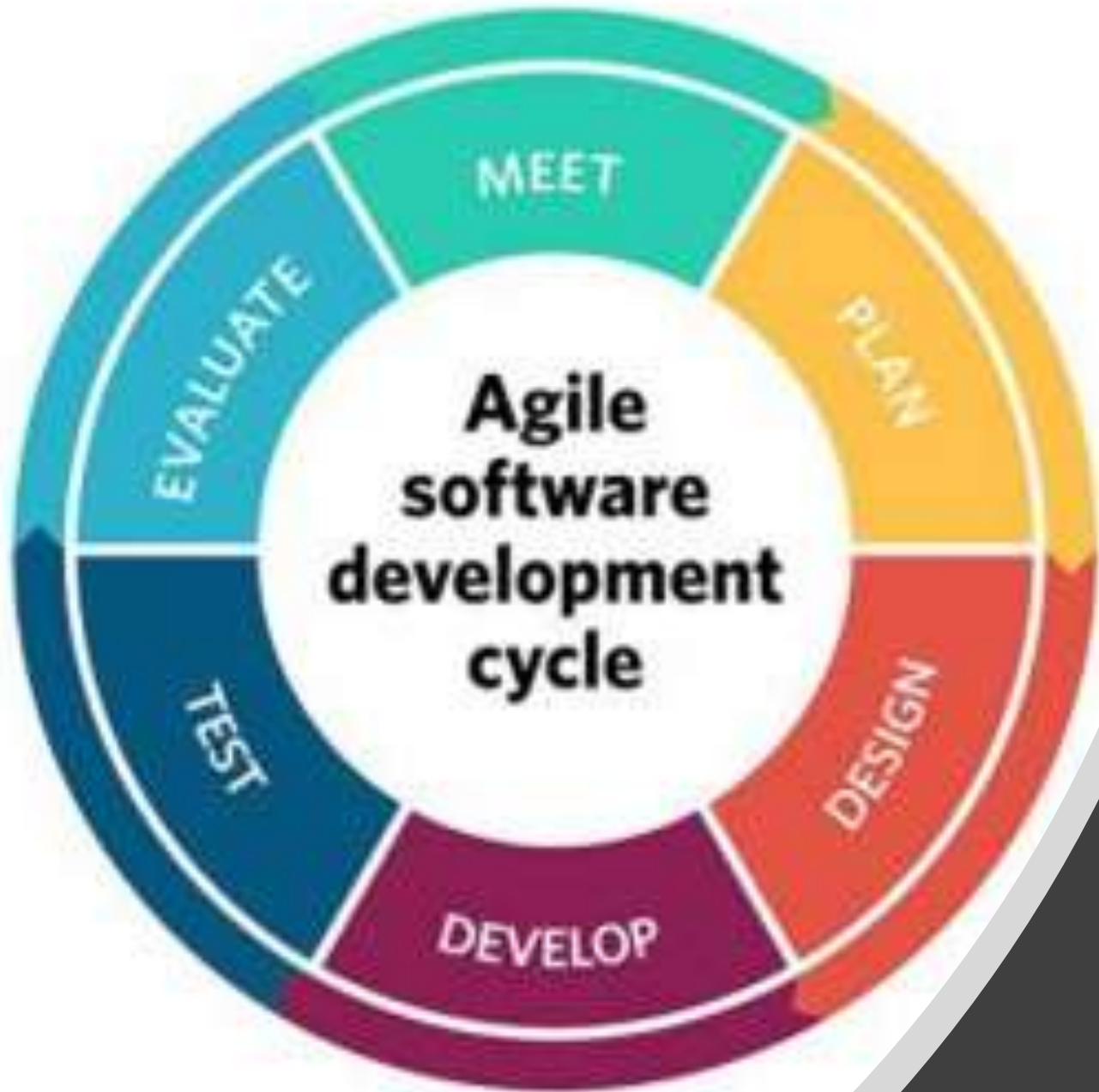
Range of recommended ages for all children except certain high-risk groups
 Range of recommended ages for catch-up Immunization
 Range of recommended ages for certain high-risk groups

Prototype (Appointment)



Overall





Your part...

Thanks.



Looking for your comments ...
Looking for your help as well ...