

Patient Engagement

FHIR Enablement (Cloverleaf)

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HUMC Use Case



- Mobile App to fill out intake forms
- Confirm demographic data
- Improve customer satisfaction
- FHIR-enable Epic

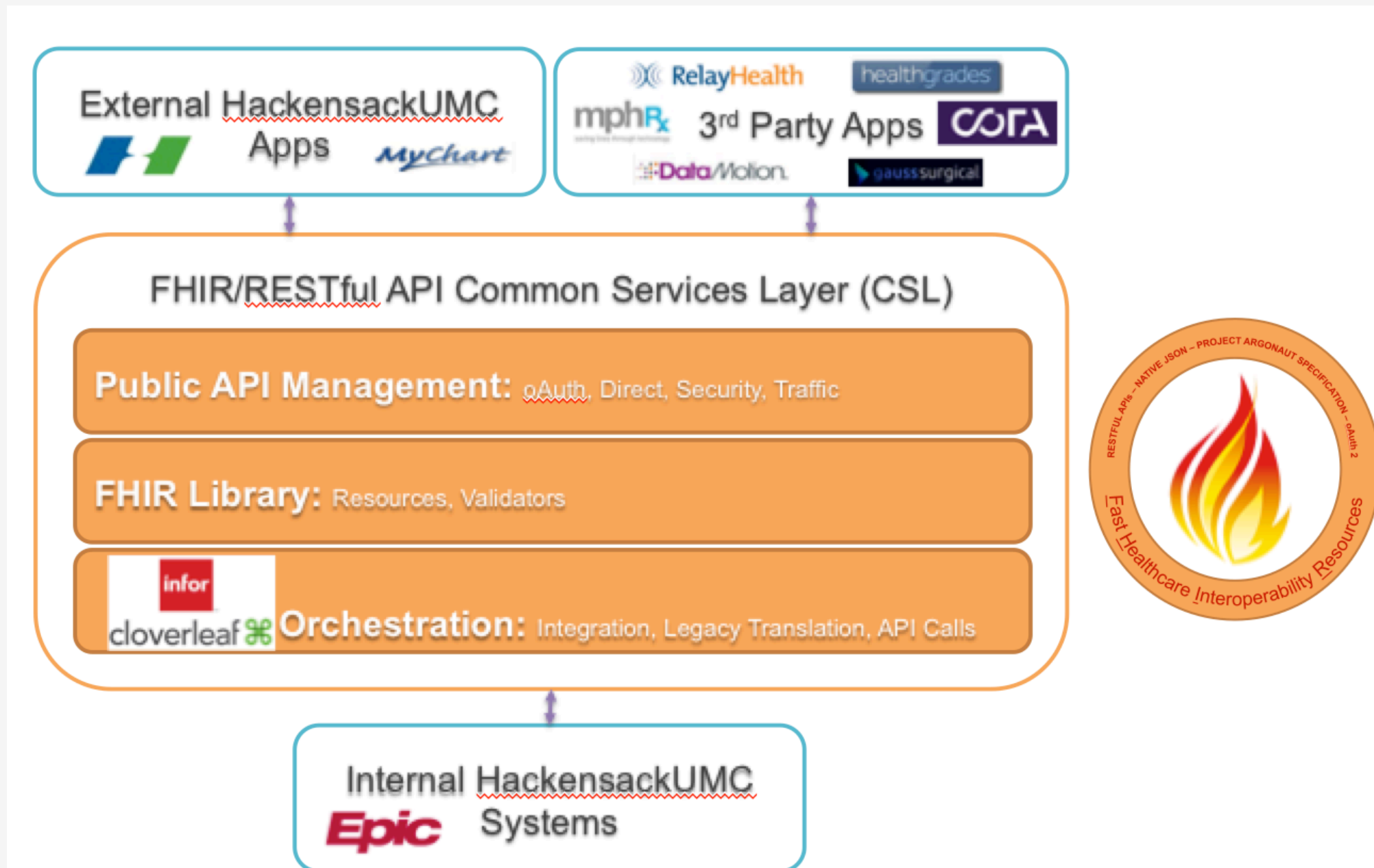


Epic





Hackensack UMC Solution



Demo – Example Use Case

Patient
Demographic
Update



Patient
Appointment



Open Scheduling





Patient Registration

**Log in to MyChart to
Schedule Your Appointment**

MyChart Username


Password

[Forgot MyChart username?](#) [Forgot password?](#)

**Log in and
Schedule It!**

OR

Schedule as a Guest Not a MyChart user? Complete the information below for the patient.

 **Patient Information**

* Indicates a required field.

* First Name

* Last Name

* Date of Birth

* Sex

* Email

* Home Phone

* Mobile Phone

* Address

* City

* County -- County --

* State -- State --


* ZIP Code

* House Number

* Country -- Country --

* Work Phone


Back **Next**






Scheduling

MyChart
Epic Medical Center




Find a Doctor


1 Choose a Specialty




Developmental




Family Medicine




Geriatric Medicine




Oncology




Pediatric Oncology



Pulmonology



Rheumatology



Transplant

2 Choose a Type of Appointment

Consultation






3 Choose a Time

Showing...

PersonAll

LocationAll

Day / TimeAll

	7 and earlier	8	9	10	11	12	1	2	3	4	5	6 and later
Monday, October 5, 2015												
 ROBERT S. ALTER, MD	7:00 more...	8:00 more...	9:00 more...	10:00 more...	11:00 more...	12:00 more...	1:00 more...	2:00 more...	3:00 more...	4:00 more...	5:00 more...	6:00
 ANDREW L. PECORA, MD	7:00 more...	8:00 more...	9:00 more...	10:00 more...	11:00 more...	12:00 more...	1:00 more...	2:00 more...	3:00 more...	4:00 more...	5:00 more...	6:00
Tuesday, October 6, 2015												
 ROBERT S. ALTER, MD	7:00 more...	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00
 ANDREW L. PECORA, MD	7:00 more...	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00
Wednesday, October 7, 2015												
 ROBERT S. ALTER, MD	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00

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Patient Update



Please enter your details.

Patient Id / MRN

900702010

Patient Name*

Praveen

ekkati

Phone Number*

214-226-9286

Email Id*

ekkatip@yahoo.com

Gender*

Male

DOB*

December

12

1978

Address Line 1

1111

Address Line 2

Enter address line 2

ZIP

91303

City

lkkk

State/Province/Region

AL


Country

United States of America


Let's start



Questionnaire



Where medicine meets innovation



Praveen ekkati

Please Answer the Following Questions (Yes/No) For Evaluation

Question 1 of 5

1. HISTORY OF STROKE ?

1

2

YES

NO

Question 2 of 5

2. HISTORY OF HEART DISEASE ?

1

2

YES

NO

Question 3 of 5

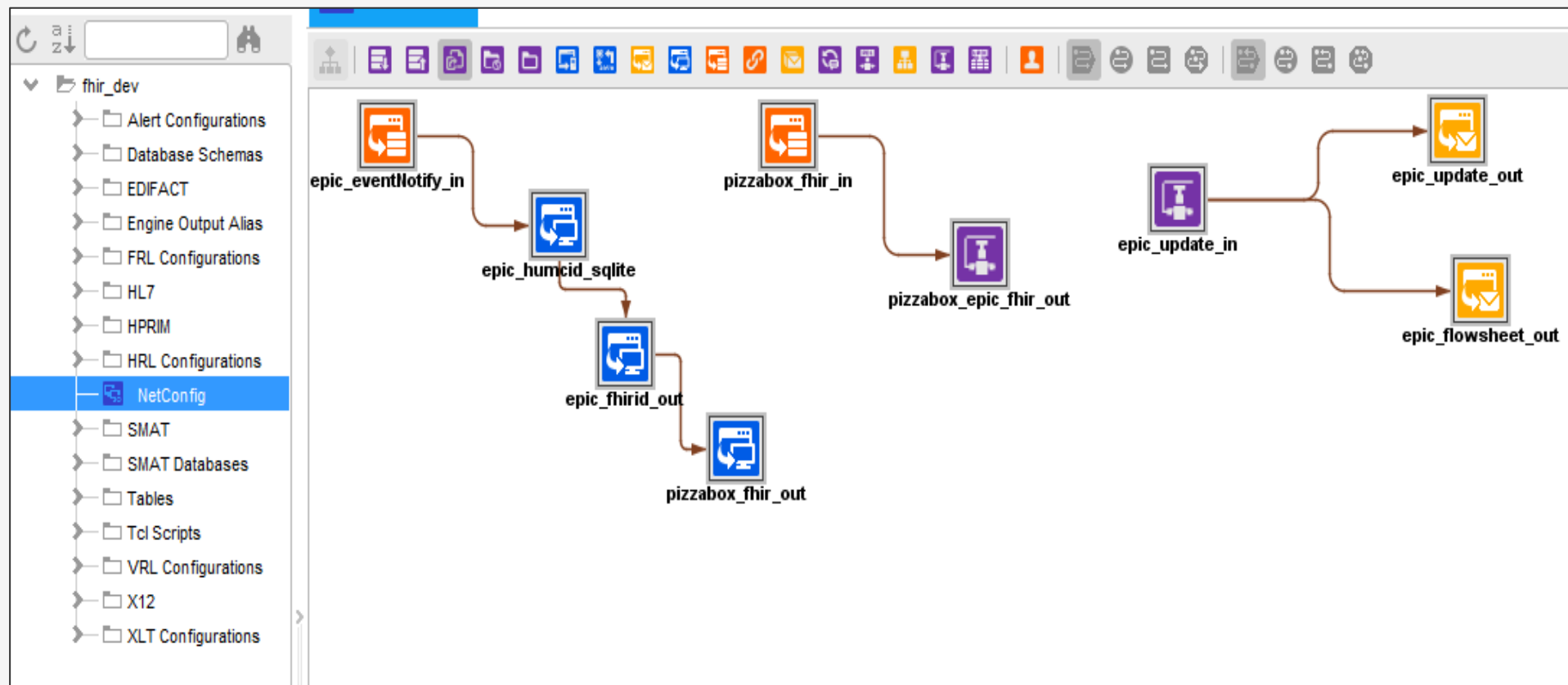
3. HISTORY OF MENTAL ILLNESS ?

1

2



Cloverleaf FHIR Orchestration HUMC



- Configured connections web services as both consumers and providers
- Uses SOAP and RESTful endpoints
- XML and JSON
- Epic Inter Communications API
- FHIR DSTU-2 message bundles
 - Patient
 - Questionnaire
 - Appointment

