Research Plan and Analysis

Project Name

Project #22: Connected Patient Experience

Team Name

Team 10

Team members

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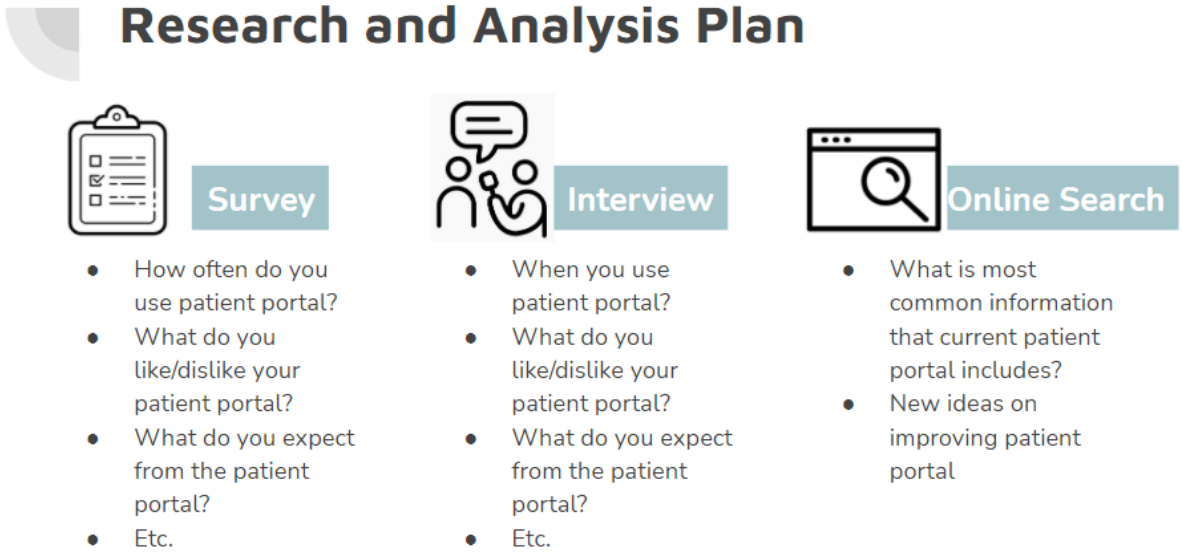
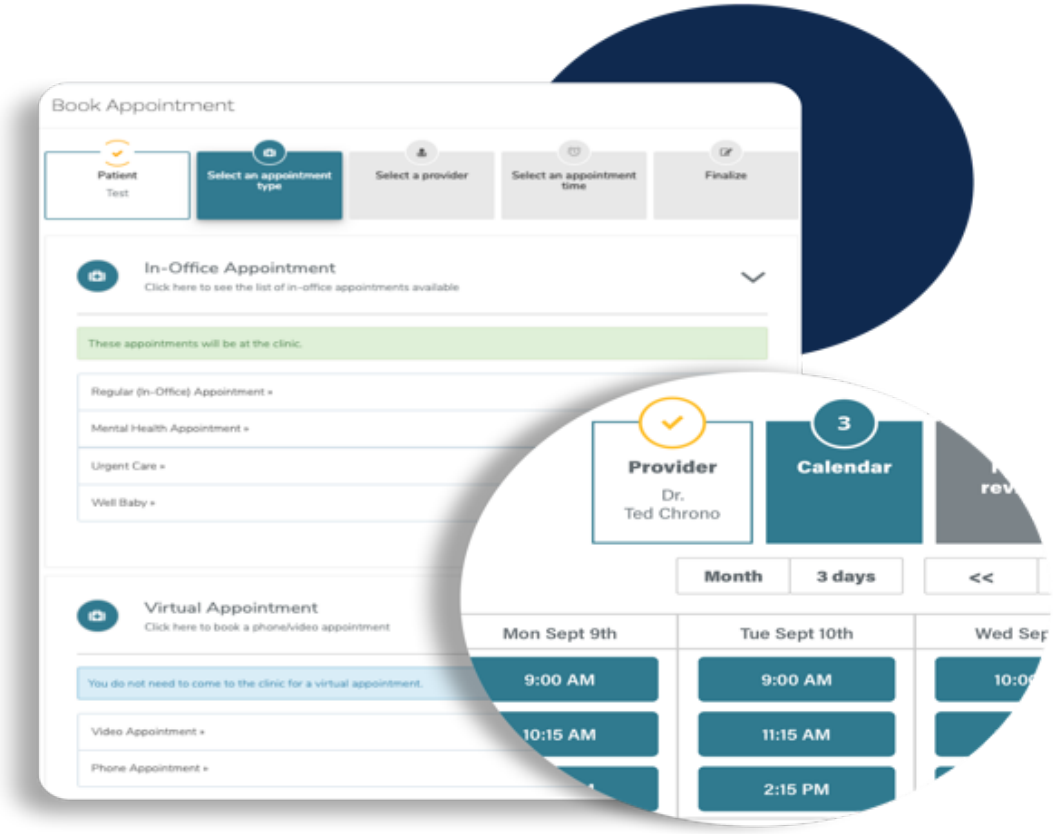
Research Plan



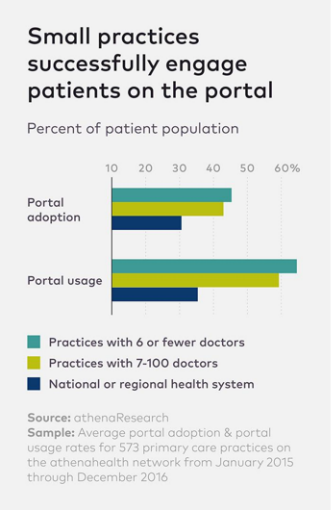
User-friendly Portal examples

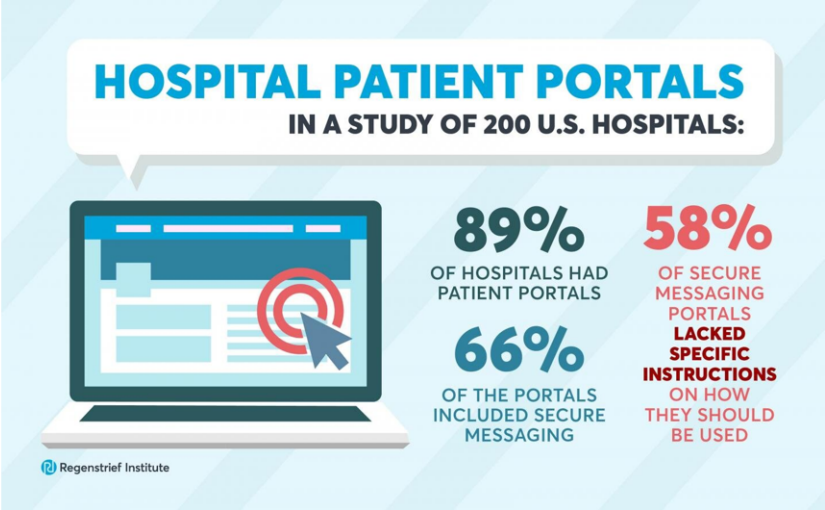
DiabetesKit
STEPS
3,048
4,040
GOAL
Glucose
Add Glucose
LAST LOG
124 8:02 pm 4/28/15
AVERAGES
7 DAYS YESTERDAY TODAY
--- --- ---
Medicine
Add Medicine
LAST LOG
4u 9:23 pm 4/27/15
RAPID INSULIN ON-BOARD

Activity (Today)
DISTANCE
1.4 miles
CALORIES BURNED
Add Profile Info
Home
Logs
Trends
More
Trends
Show trends from
Last 7 Days
Blood Glucose
--- HIGH
--- NORMAL
--- LOW
LOWEST 0
HIGHEST 0
AVERAGE 0
Daily Average Steps
6700
5360
4020
2680
1340
0
Sun Mon Tue Wed Thu Fri Sat
Color indicates average BG range for that day
Hourly Average: Glucose & Insulin
mg/dL
Units
400
320
240
20
16
12
Home
Logs
Trends
More


Book Appointment
Patient
Test
Select an appointment type
Select a provider
Select an appointment time
Finalize
In-Office Appointment
Click here to see the list of in-office appointments available
These appointments will be at the clinic.
Regular (In-Office) Appointment »
Mental Health Appointment »
Urgent Care »
Well Baby »
Virtual Appointment
Click here to book a phone/video appointment
You do not need to come to the clinic for a virtual appointment.
Video Appointment »
Phone Appointment »
Provider
Dr.
Ted Chrono
3
Calendar
Month
3 days
<<
Mon Sept 9th
Tue Sept 10th
Wed Sep
9:00 AM
10:15 AM
9:00 AM
11:15 AM
2:15 PM

Patient Portal usage condition survey





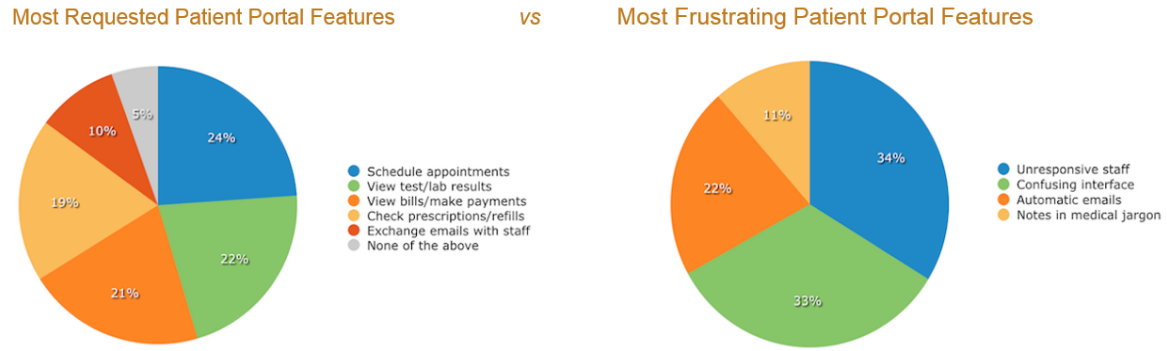
Case Study

Table 3: Average My UNC Chart User Activity; Griffin A. et al. Appl Clin Inform. 2016; 7(2): 489–501.

	Light Users (N=257)	Active Users (N=238)
Login	3.40** (2.39)	34.35** (40.55)
Messaging	8.87** (20.63)	108.64** (123.55)
Medical Advice Message	0.40** (1.06)	5.52** (10.37)
Lab Tests/Results	14.19** (21.29)	76.39** (139.26)
Problem List	2.56** (2.88)	9.02** (13.10)
Medication List	2.39** (2.87)	8.42** (12.40)
Appointment Details	0.35** (1.11)	7.83** (20.82)
Immunizations & Allergies	1.98** (2.30)	6.53** (9.89)

**$p < 0.01$ * $p < 0.05$

Research Analysis



References

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