

# What the National Weather Service can Teach Us About Price Transparency

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NAHDO 2020 Plenary Session

August 26<sup>th</sup> 12-1pm ET



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President, Freedman HealthCare  
Moderator



**Melissa Hillmyer**

Project Manager, Human Services  
Research Institute (HSRI)



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Director, Massachusetts eHealth Institute  
(MeHI)

# Agenda



- Welcome and Background
- Panelist introductions
- Moderated Discussion
- Audience Questions
- Closing Remarks

# Background

- State transparency efforts
- The National Weather Service model
- Price is Your Right visualization challenge

Local forecast by "City, St" or ZIP code



[Location Help](#)

### Tropical Storms Laura and Marco

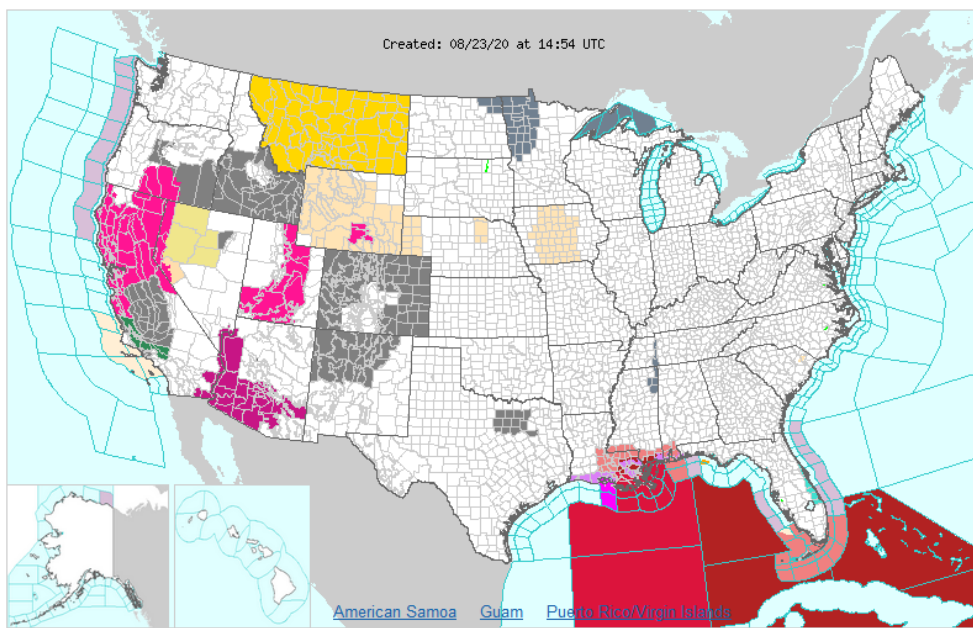
Marco is expected to approach the central Gulf Coast on Monday. Hurricane conditions, life-threatening storm surge, and heavy rainfall are possible along portions of the Gulf Coast beginning on Monday. Hurricane and Storm Surge watches have been issued. Tropical Storm Laura continue to produce rain and flooding across Puerto Rico. Tropical storm conditions are possible in the Florida Keys Monday [Read More >](#)

**Customize Your Weather.gov**

Enter Your City, ST or ZIP Code

 Remember Me

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Click on the map above for detailed alerts or [Warnings by State](#)  [Public Alerts in XML/CAP v1.1 and ATOM Formats](#)



Your local forecast office is **Norton, MA**

- ### News Headlines
- [Storm Damage Reports From Saturday, August 22nd](#)
  - [Track The Tropics On Our Tropical Weather Page](#)
  - [Latest Rainfall Forecast and Probabilities](#)
- [Additional Headlines](#)


### Hazardous Weather Conditions

- [Hazardous Weather Outlook](#)

[En Español](#)  [f](#) [t](#) [g+](#) [e](#) [p](#)

### Current conditions at Boston, Logan International Airport (KBOS)

Lat: 42.36°N Lon: 71.01°W Elev: 20ft.



A Few Clouds

## 73°F

23°C

Humidity 76%

Wind Speed S 5 mph

Barometer 30.07 in (1018.3 mb)

Dewpoint 65°F (18°C)

Visibility 10.00 mi

Last update 23 Aug 9:54 am EDT

**More Information:**

[Local Forecast Office](#)

[More Local Wx](#)

[3 Day History](#)

[Mobile Weather](#)


[Hourly Weather Forecast](#)

### Extended Forecast for Winthrop MA

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
High: 85 °F	Low: 70 °F	High: 82 °F	Low: 70 °F	High: 87 °F	Low: 63 °F	High: 73 °F	Low: 60 °F	High: 77 °F

### CURRENT WEATHER

11:02 AM



# 75°

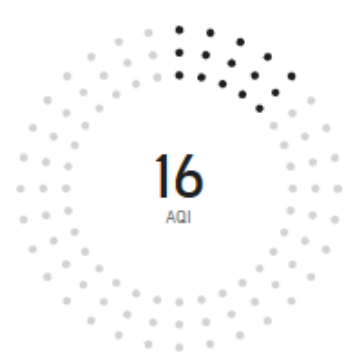
F

RealFeel® 84°

RealFeel Shade™	75°
Air Quality	Excellent
Wind	SSE 6 mph
Wind Gusts	6 mph

Partly sunny [MORE DETAILS →](#)

### CURRENT AIR QUALITY



**Excellent** BETA ?


The air quality is ideal for most individuals; enjoy your normal outdoor activities.

Based on Current Pollutants

[More Details →](#)

Learn more at [plume labs](#)

### TODAY 8/23



# 87°

Hi

















RealFeel® 95°

A t-storm around in the p.m. [→](#)

## Hourly Weather - Boston, MA

as of 11:00 am EDT

### Sunday, August 23

11 am	78°	 Partly Cloudy	15%	SE 5 mph	↑
<div style="display: flex; justify-content: space-between;"><div> Feels Like 78°</div><div> Wind SE 5 mph</div><div> Humidity 67%</div><div> UV Index 6 of 10</div></div>					
12 pm	80°	 Partly Cloudy	15%	ESE 7 mph	↓
1 pm	81°	 Partly Cloudy	15%	ESE 7 mph	↓
2 pm	82°	 Partly Cloudy	15%	ESE 8 mph	↓
3 pm	83°	 Partly Cloudy	15%	SE 7 mph	↓
4 pm	83°	 Partly Cloudy	15%	SE 7 mph	↓
5 pm	82°	 Partly Cloudy	25%	SSE 9 mph	↓
6 pm	83°	 Partly Cloudy	15%	S 9 mph	↓
7 pm	80°	 Partly Cloudy	20%	SSW 9 mph	↓
8 pm	78°	 Partly Cloudy	10%	SSW 9 mph	↓
9 pm	76°	 Partly Cloudy	10%	SW 9 mph	↓
10 pm	76°	 Partly Cloudy	5%	SW 8 mph	↓

# Background

- State transparency efforts
- The National Weather Service model
- Price is Your Right visualization challenge

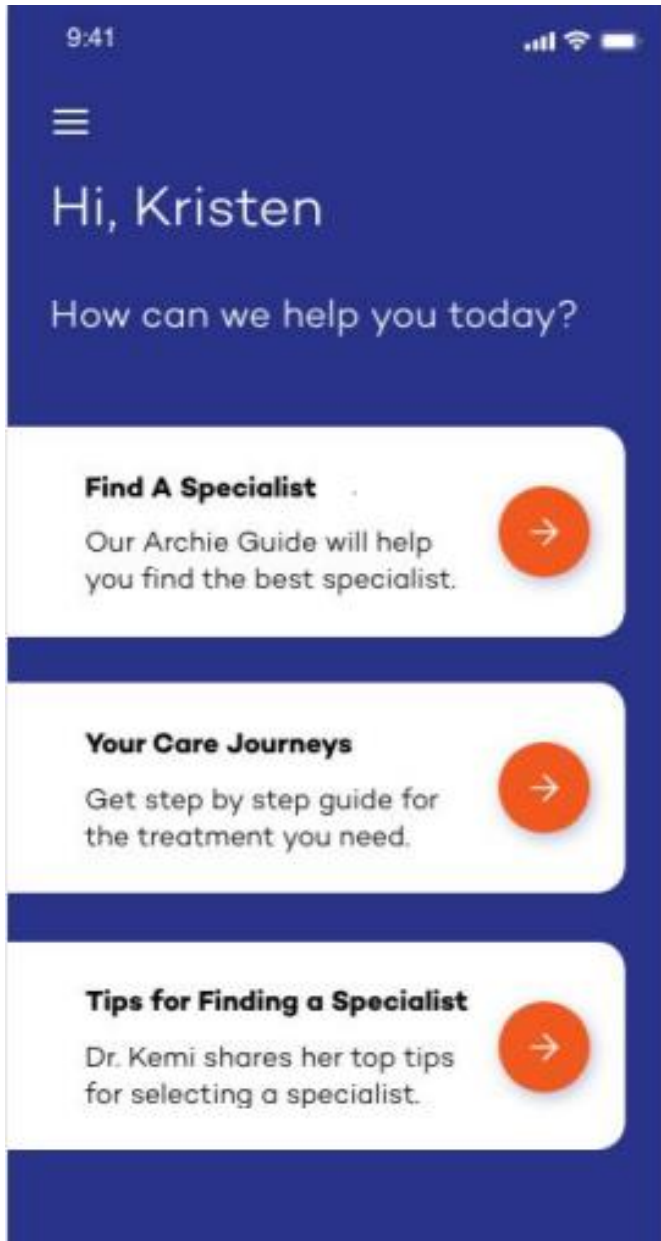
# Transparency Tool Solution Submissions

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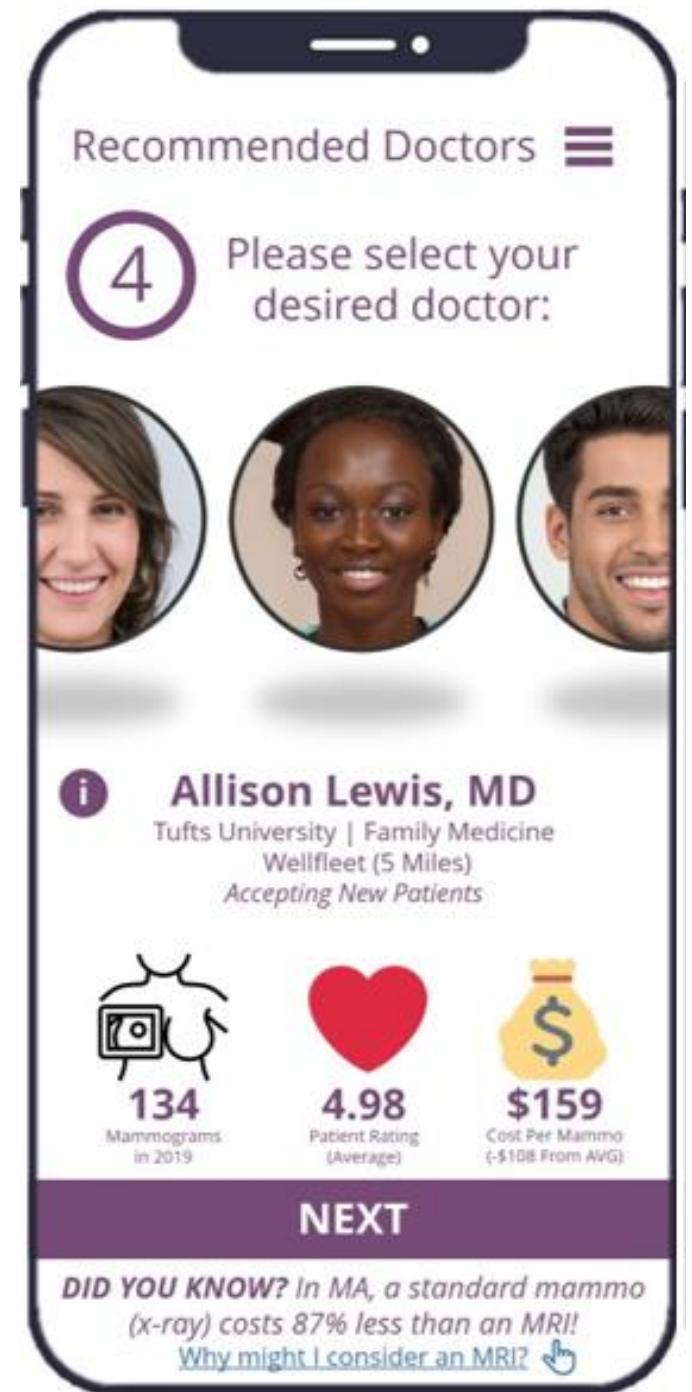
[PriceIsYourRight.org](http://PriceIsYourRight.org)



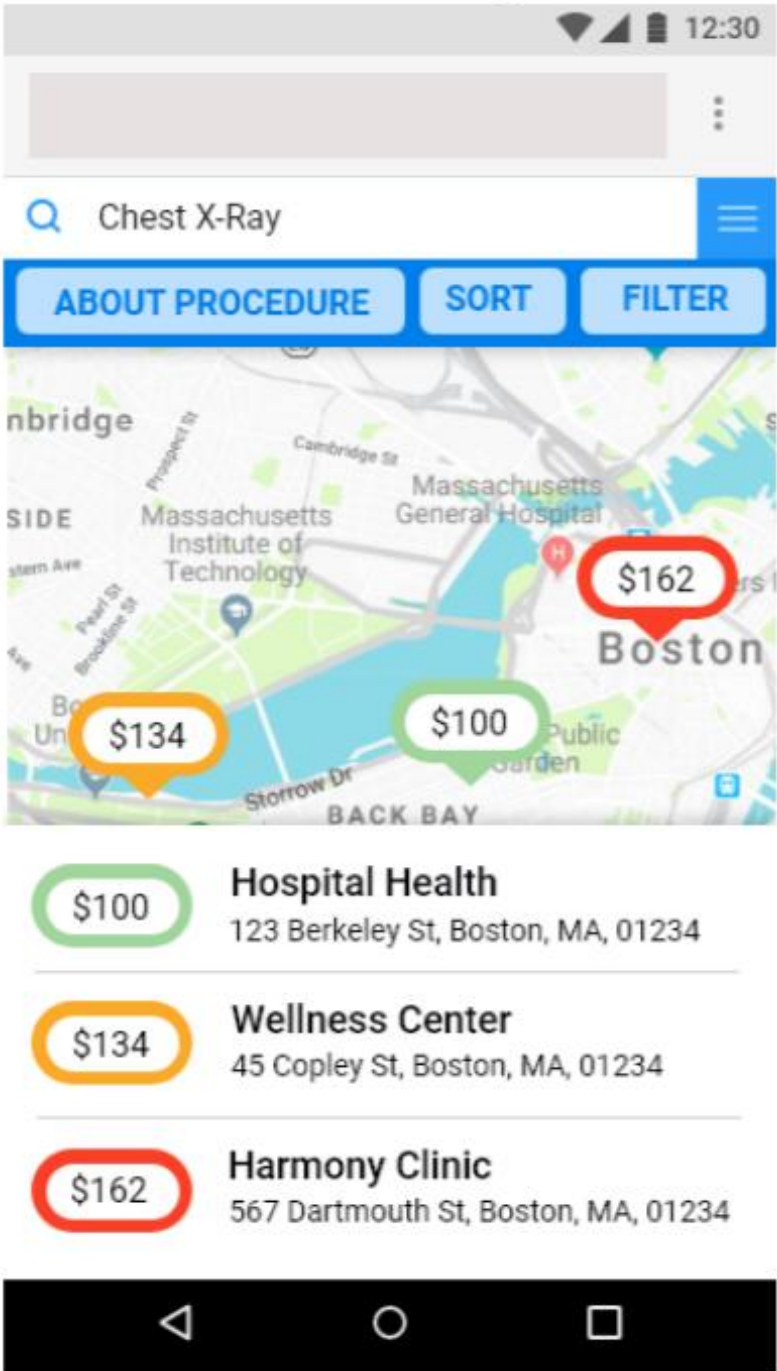
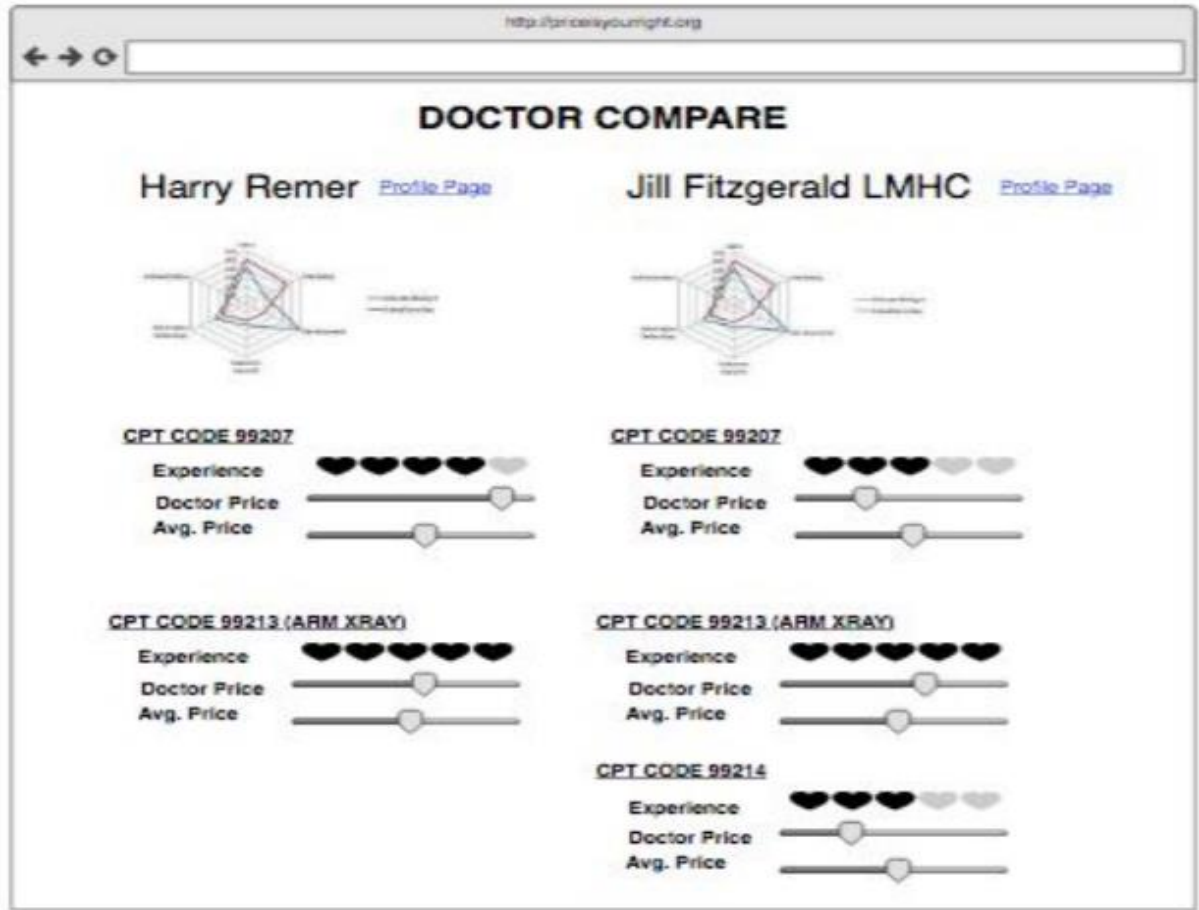


# Consumers Want: Functionality to connect with providers

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# Consumers Want: Easy price and quality comparisons



# Consumers Want: Familiar map functionality

**MAHealthMatch** John Doe  
NUSHP (NU Student Health Plan)  
02115 BOSTON MA

*#Endoscopy #Stomach*  
5 Results at 02115

Advanced Filter List View

**Beth Israel Deaconess Medical Center**  
330 Brookline Ave  
Review 4.5/5  
Estimated Cost for ENDOSCOPY \$1,813

**Children's Hospital Boston**  
300 Longwood Ave  
Review: 4.5/5  
Estimated Cost for ENDOSCOPY \$3,725

Current Location

The screenshot shows a mobile app interface for MAHealthMatch. At the top, there's a search bar with the text "#Endoscopy #Stomach" and "5 Results at 02115". Below the search bar, there are two buttons: "Advanced Filter" and "List View". The main content area displays a map of Boston with several location pins. Two pins are highlighted with information cards. The first card is for "Beth Israel Deaconess Medical Center" at 330 Brookline Ave, with a review of 4.5/5 and an estimated cost for endoscopy of \$1,813. The second card is for "Children's Hospital Boston" at 300 Longwood Ave, with a review of 4.5/5 and an estimated cost for endoscopy of \$3,725. At the bottom left, there is a "Current Location" indicator with a red pin icon.

9:41

PT Therapeutic activities to ... Filters

Current Location

Search Results

Search Saved

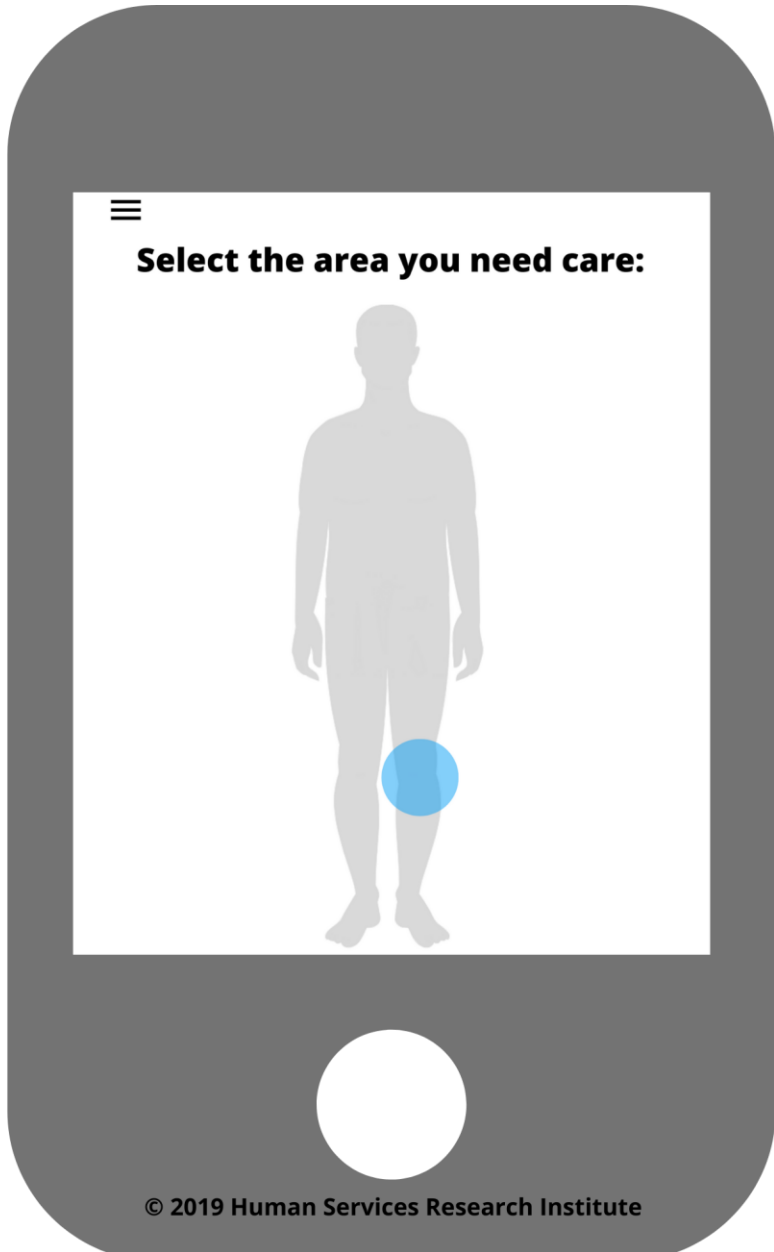
The screenshot shows a mobile map application interface. At the top, there's a search bar with the text "PT Therapeutic activities to ..." and a "Filters" button. Below the search bar, there's a "Current Location" indicator with a location pin icon. The main content area displays a map of Boston with several red location pins numbered 1 through 20. The pins are clustered in the downtown area. At the bottom, there's a "Search Results" section with a search icon and a "Saved" button.

# Challenge Winner

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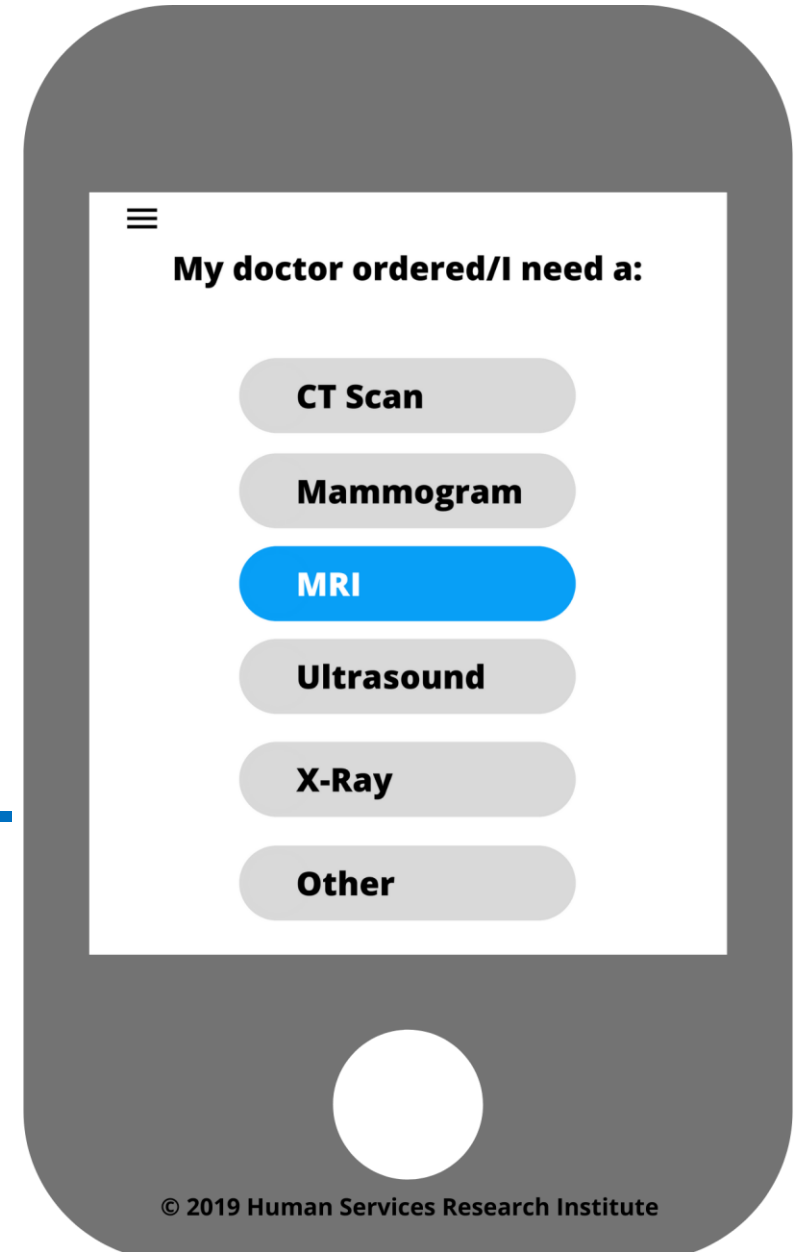
- Designed using HSRI's experience collecting, analyzing, using and displaying healthcare cost and quality data.
- Reflects feedback from consumers and stakeholders.
- Simplifies the decision process by pointing users to a recommended facility.

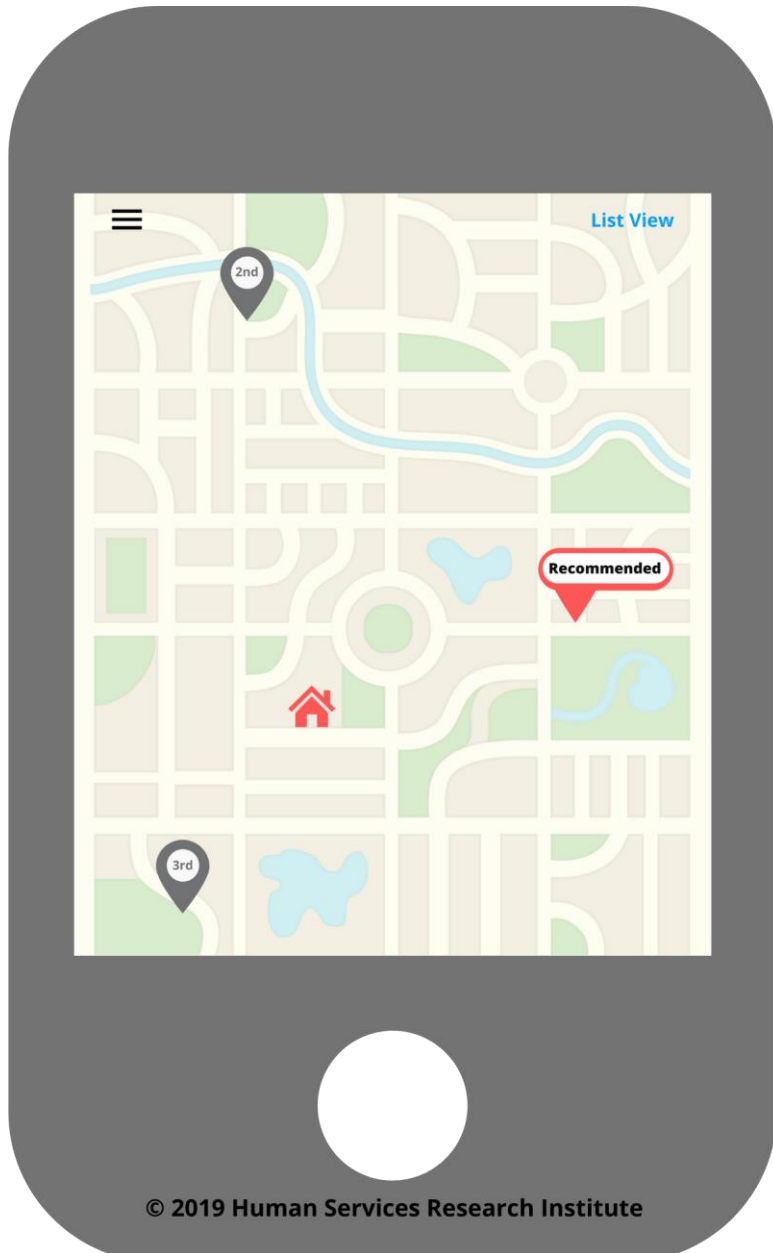




# Select the Care You Need

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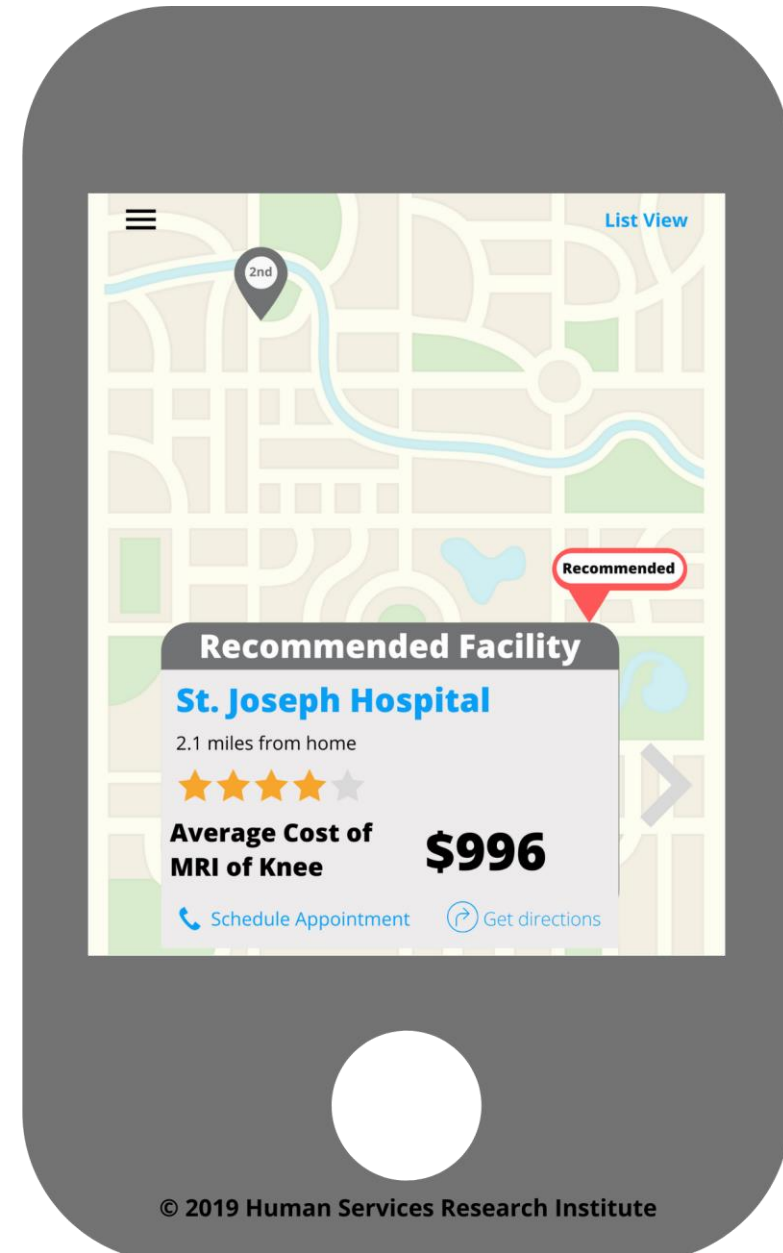


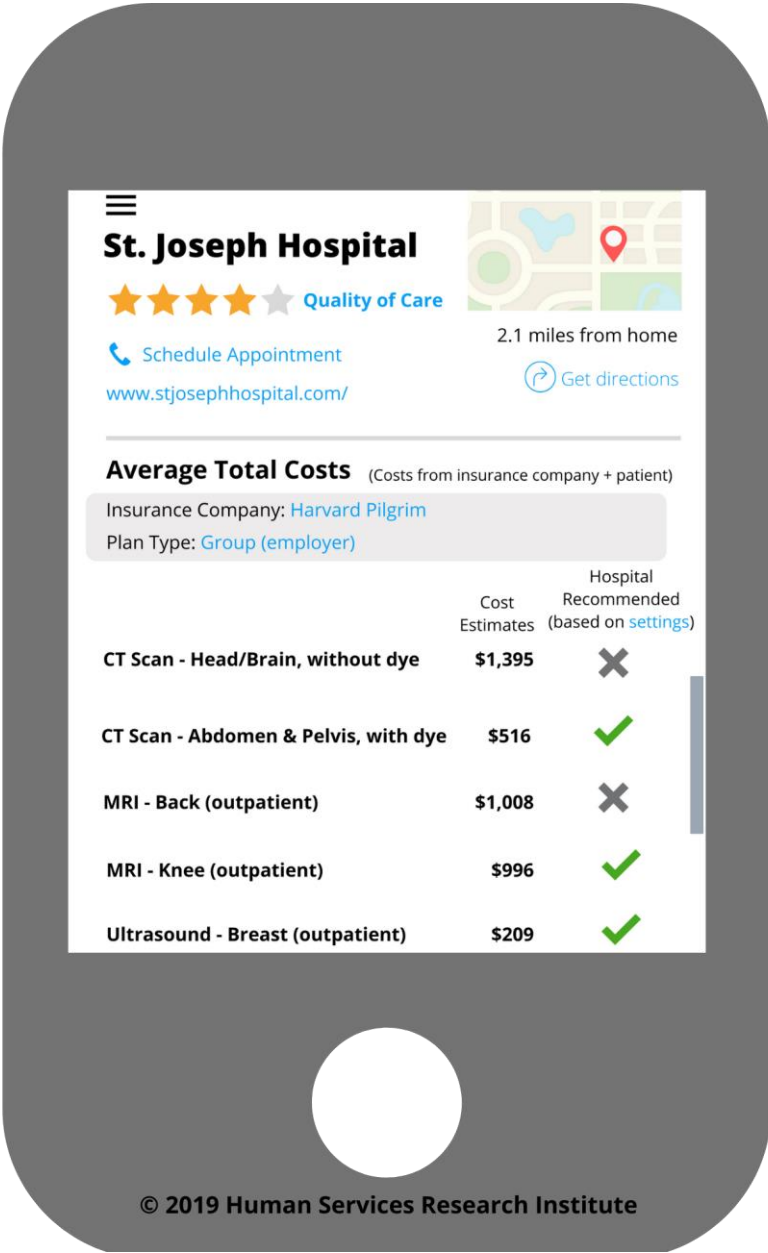


# View Recommended Facilities

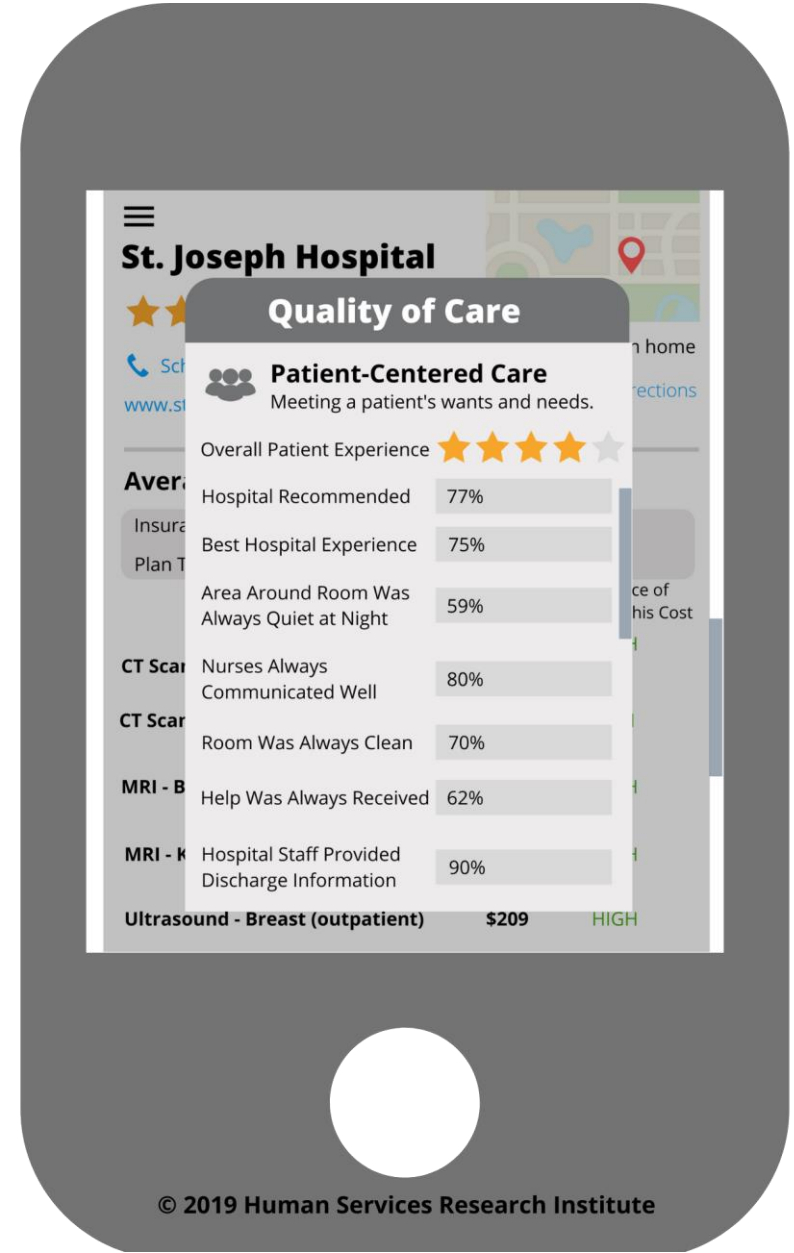
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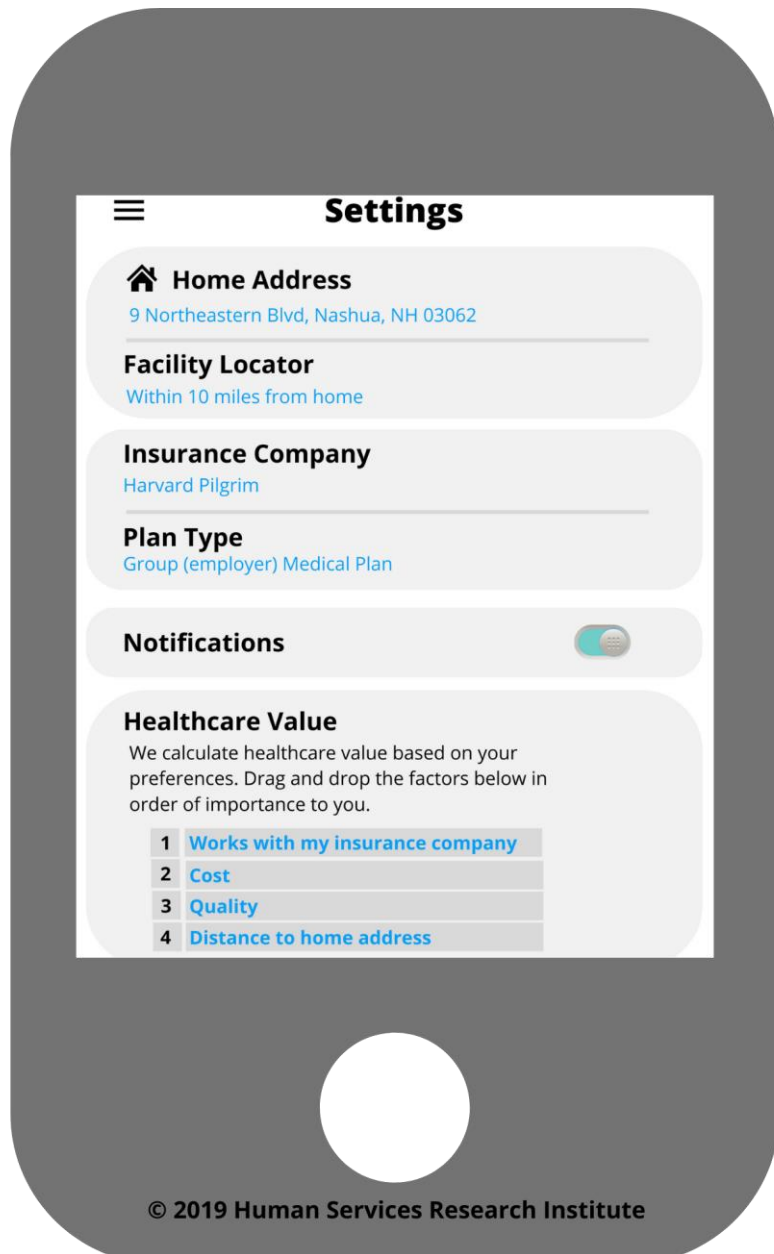
Ranks facilities based on a user's preferences for: cost, quality, distance, and insurance company.





# Drill-Down for Detailed Information





# User Settings

- Set user preferences for the algorithm to use to generate a recommendation on where to receive care.
- Option to use the app via voice-enabled technology, such as Alexa.

