

I ROKWIRE

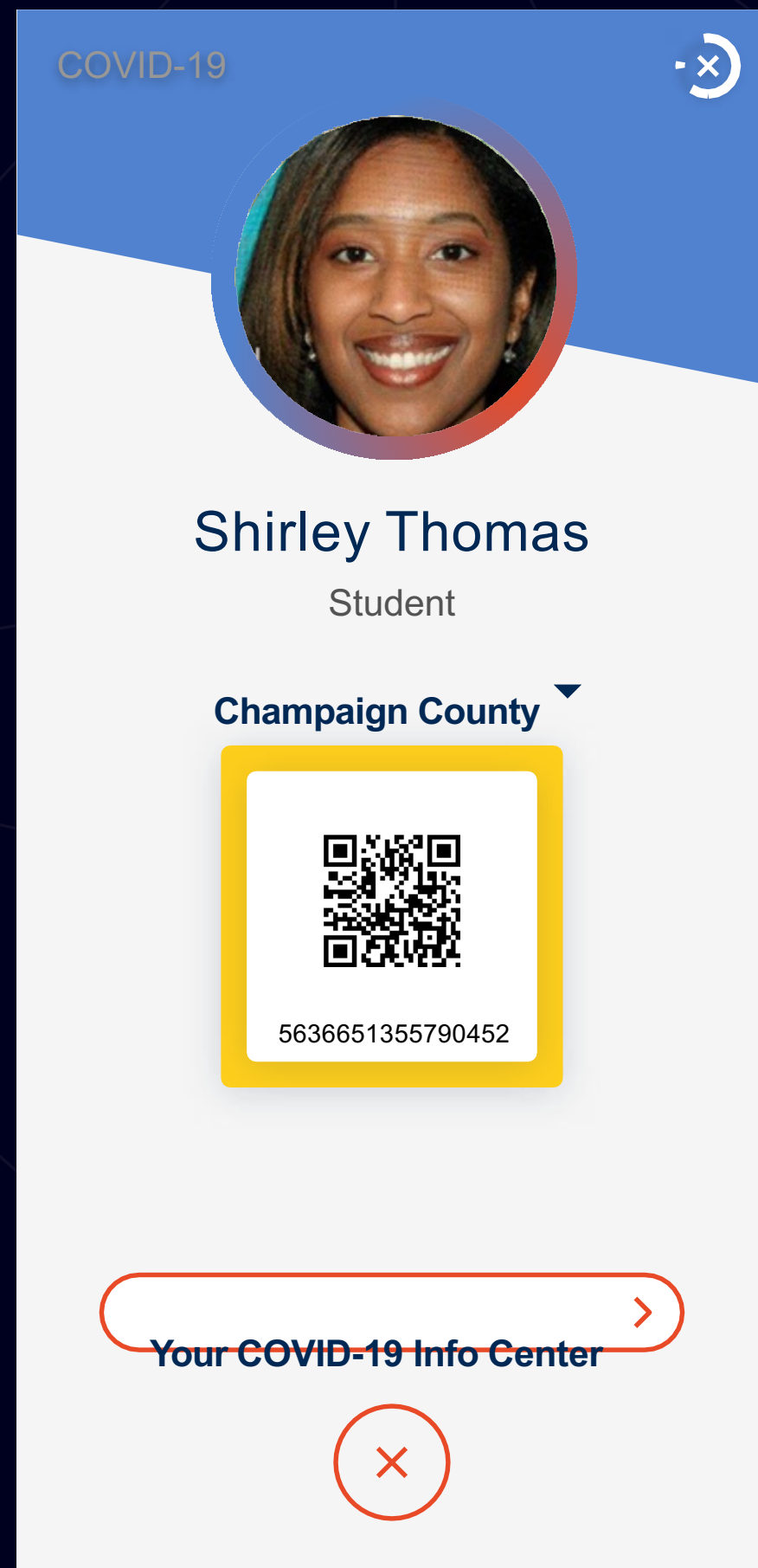
COVID-19 CAPABILITIES

May 20, 2020

The University of Illinois at Urbana-Champaign has developed a comprehensive COVID-19 capability as part of our effort to slow the spread of the SARS-CoV 2 virus.

We've built this capability into the Illinois app, which is built on the ROKWIRE open-source platform. The ROKWIRE platform is licensed from free using the Apache 2.0 license, to any entity.





Testing and limiting exposure are key to slowing the spread of COVID-19.

USERS OF THE ILLINOIS APP CAN

- Provide the COVID-19 symptoms they are experiencing
- Automatically receive or enter test results from their healthcare provider
- Allow their phone to provide Exposure Notifications to themselves and the people they have come in contact with during the past 14 days

THE ILLINOIS APP PROVIDES:

- A color coded health status from the County Health Department
- Next steps in maintaining your best health pertaining to the virus
- Connection to a dedicated Pandemic Health Worker network
- Specific COVID-19 campus news and information



Integrated With Healthcare Providers

The app allows users to connect to their healthcare provider to retrieve their COVID-19 test results.

We use two methods to connect and import verified results.

CUSTOM API

- We have integrated our on-campus healthcare center (McKinley) test results via an API
- Users consent to having their test results transferred

HEALTHCARE PROVIDERS USING EPIC

- 70% of healthcare providers use Epic
- We integrated Epic's MyHealth/MyChart APIs
- Users authorize our app's access to MyChart and test results are imported



Test results are encrypted and only visible on the user's smartphone.

osfmychart.org/OSFMy

OSF MyChart Username

Password

SIGN IN

Forgot Username?Forgot Password?

Need Help?
(855) 673-4325

Add Test Result

Where was the test taken?

Healthcare Provider

OSF Health

Retrieve Results

Manually Enter



Unverified Results

- Users can upload unverified test results using our app when integration with healthcare provider is not possible
- They can also upload an image of the test results for verification



Test results are encrypted and only visible on the user's smartphone.

Manually Enter Result

DATE
8/27/20

HEALTHCARE PROVIDER
OSF Healthcare

TEST LOCATION
Select location...

TEST TYPE
Select test type...

RESULT
Select test result...

ADD TEST RESULT
Upload an image of your test result.

Upload Image +

Add Test

< **Are you experiencing any of these symptoms?**

No symptoms

Fever

Chills

Shaking or Shivering

Muscle or joint pain

Headache

Sore Throat

Loss of taste and/or smell

Home Wallet Browse



Users can also report their own symptoms

The following list is the approved list from the CDC

- No symptoms
- Fever
- Chills
- Shaking or Shivering
- Muscle or Joint Pain
- Headache
- Sore Throat
- Loss of Taste and/or Smell
- Cough

County health authorities set the conditions under which these symptoms change an individual's COVID-19 Status.

Exposure Notification

- Users are required to opt-in if they want our exposure notification service
- We built our own service using Bluetooth low-energy that is compatible with the Apple-Google SDKs
- We identify the proximity and duration of contacts with other smartphones



Human Touch
Contact Tracing

+



Digital Exposure
Notification

=



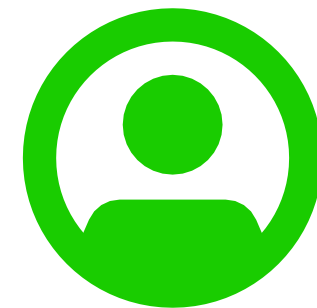
Healthy Campus

COVID-19 Status

For each user, the app displays their COVID-19 Status

- Characterizes each individual as Green, Yellow, Orange, or Red
- Local health authorities define what test results or symptoms result in each color status.
- The system provides granular controls to change COVID-19 Status on a county by county basis

Depending on the local health department's policies, these colors could mean:



Safe



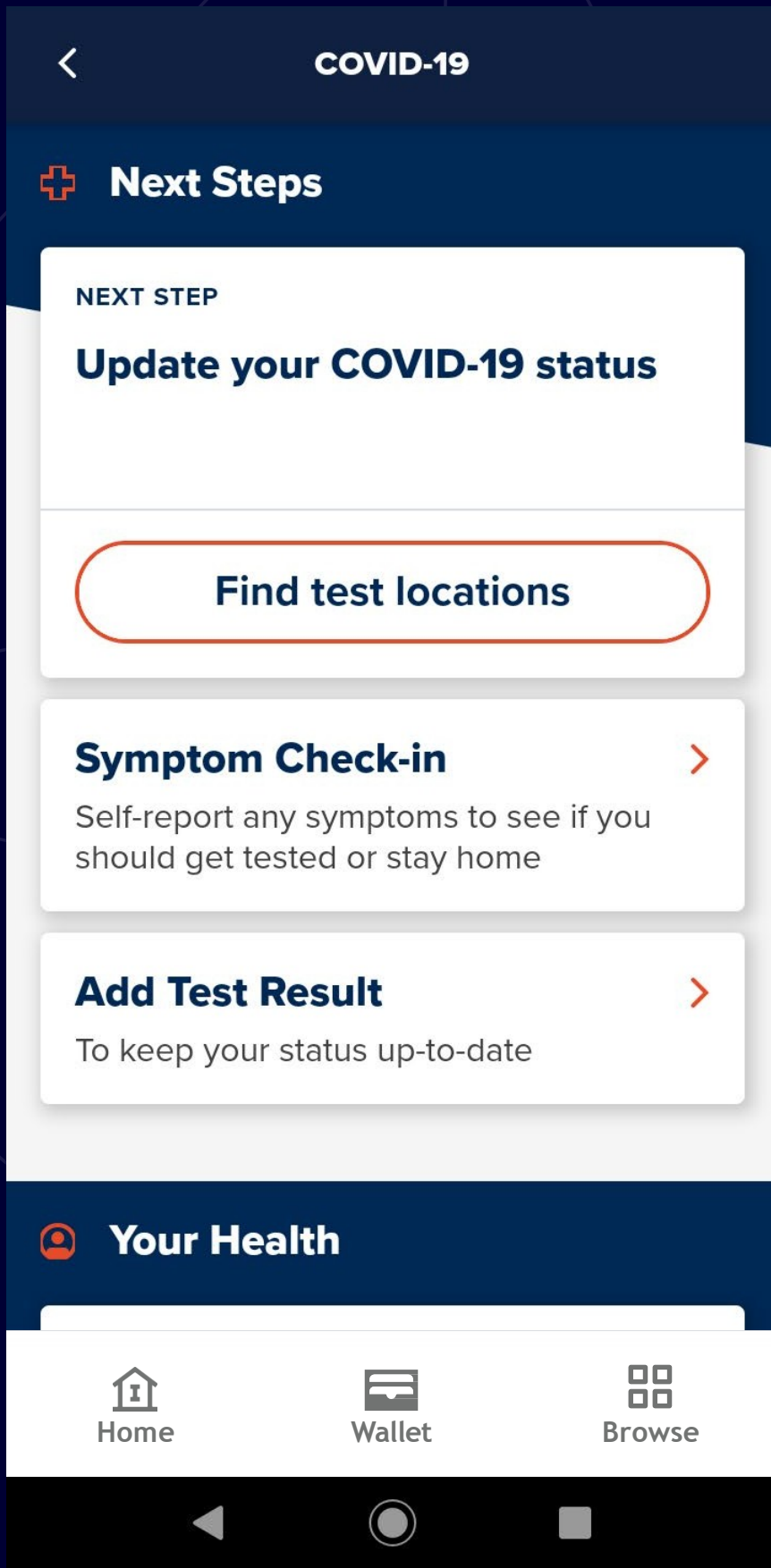
Unknown



**Likely
Infected**



Infected



Guiding individual's next steps to maintaining or improving their health.

Completely driven by back-end rules that can be set by

- County health officers
- Local healthcare providers

Recommended next steps can be county-by-county specific

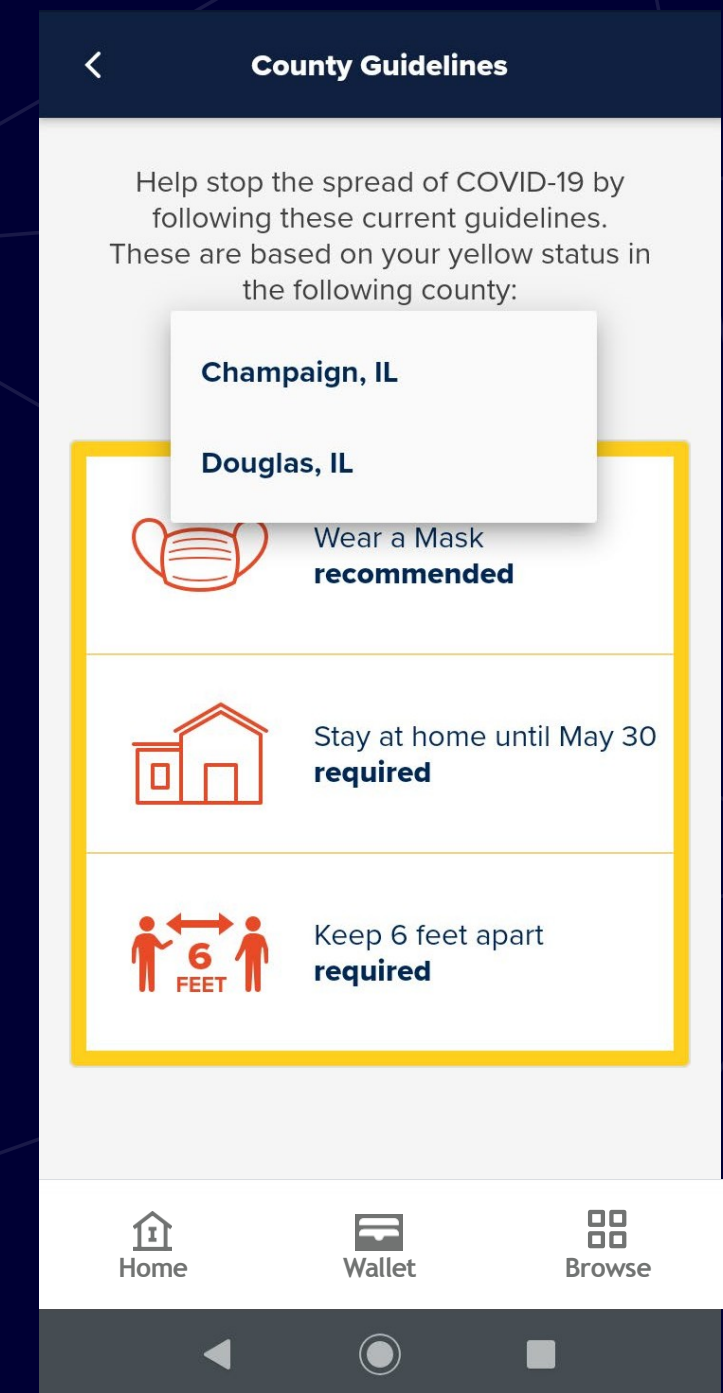
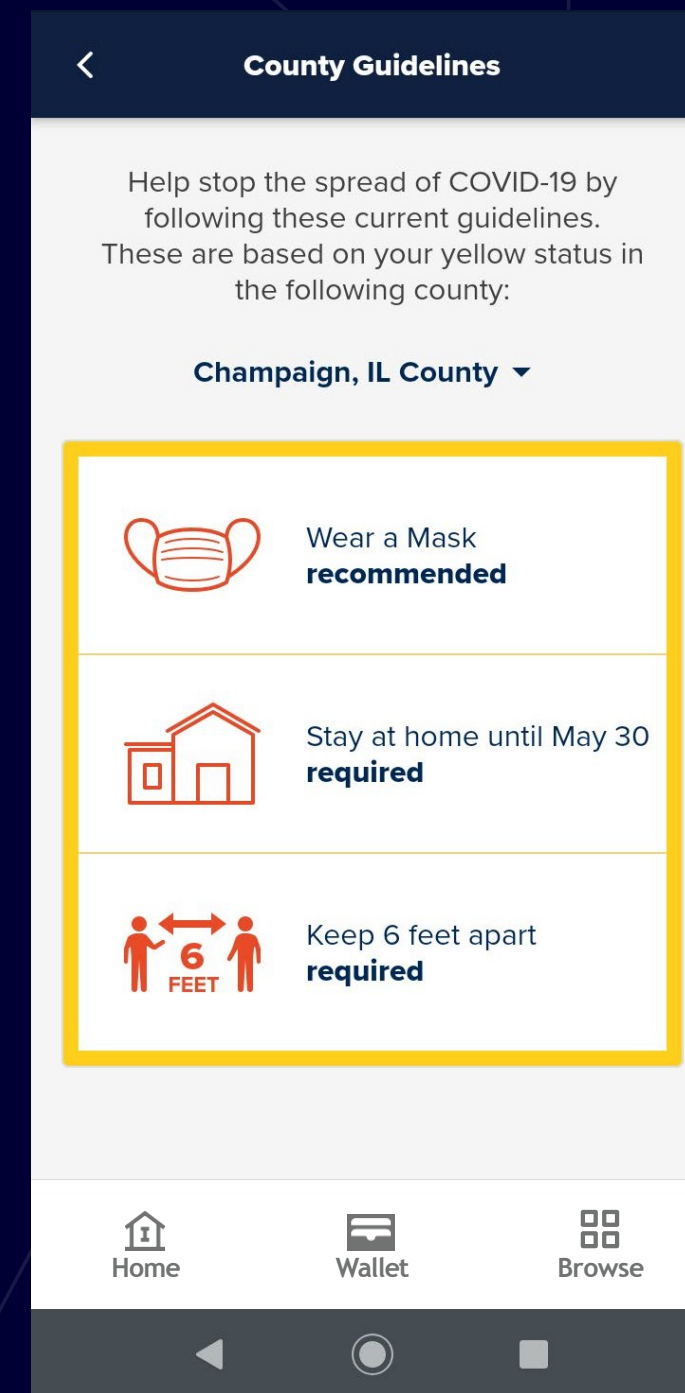
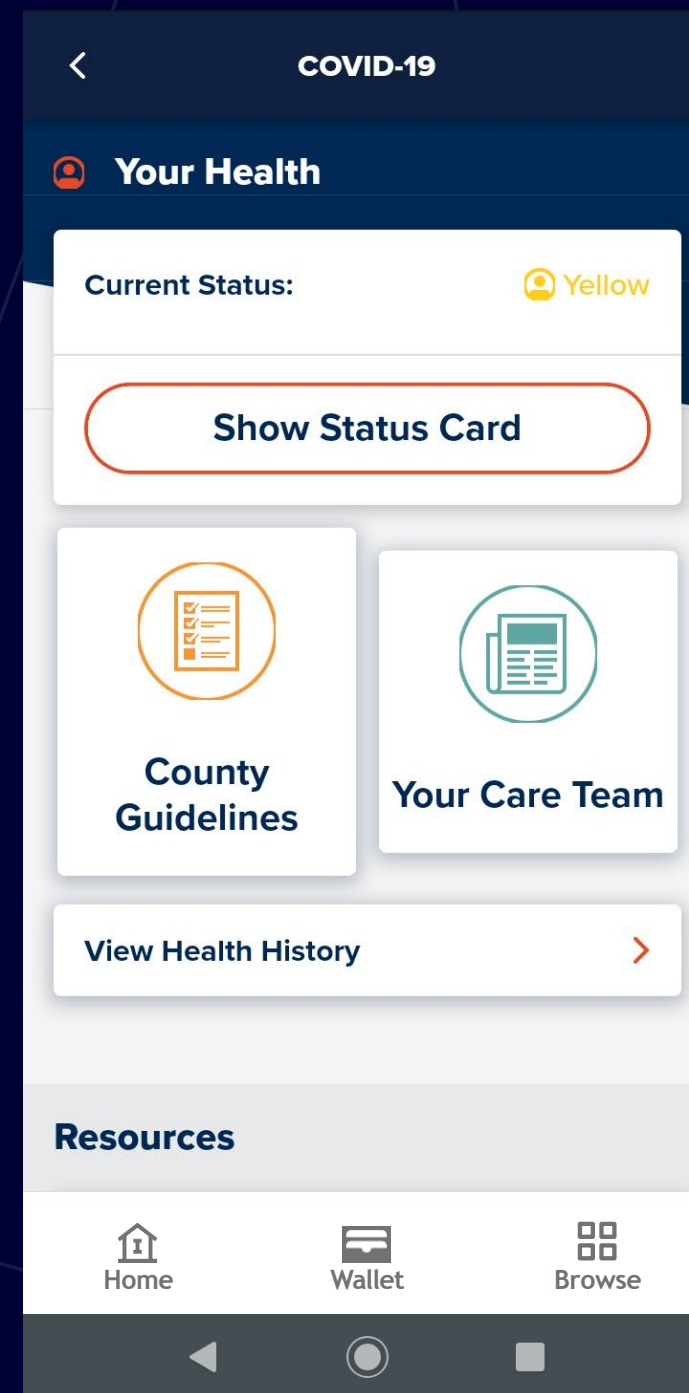
- Recommended next steps can be county-by-county specific

Next step is tailored to latest:

- Test results
- Exposure notifications
- Self-reported symptoms

Simplifying County Guidelines

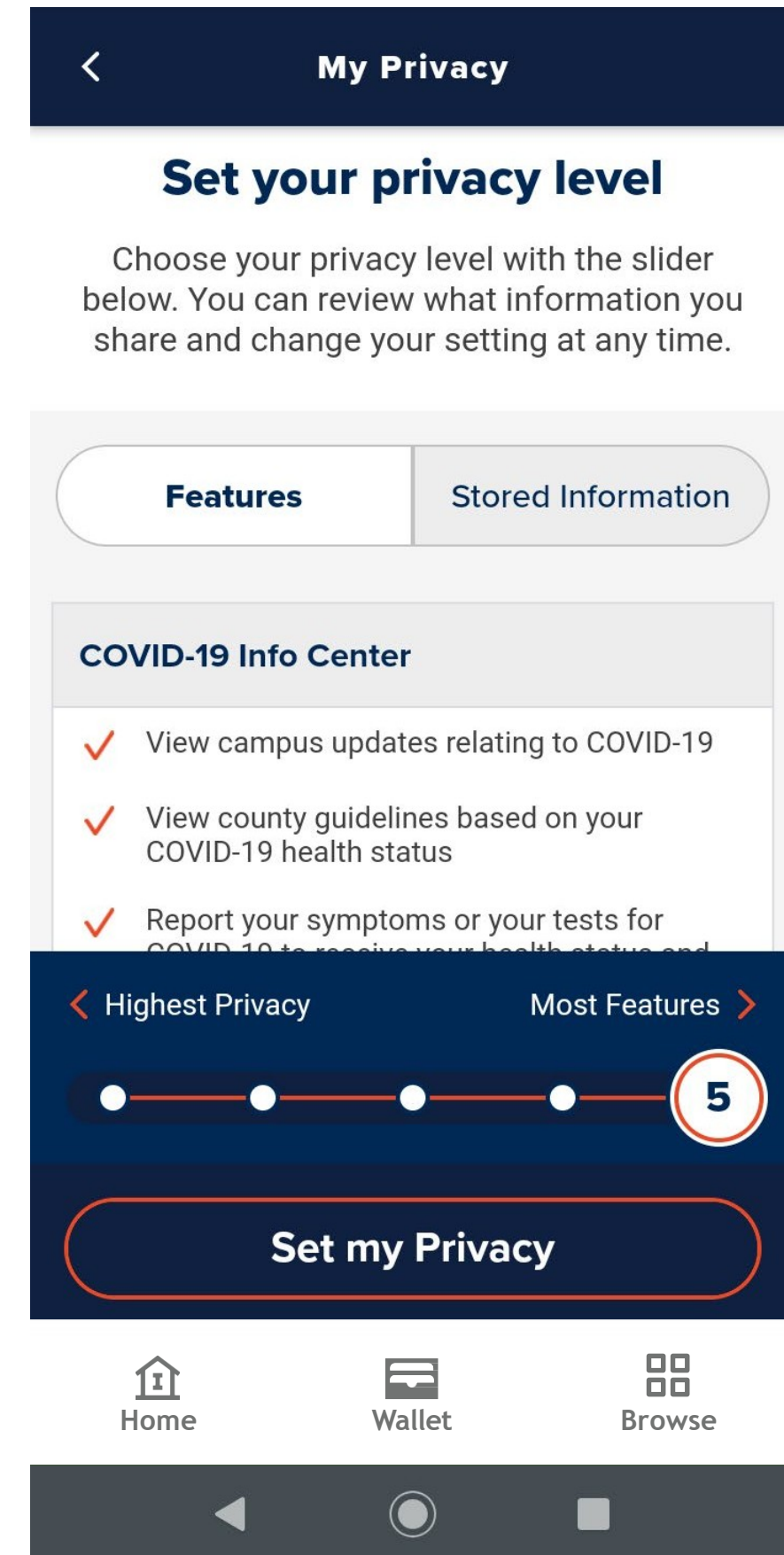
The app communicates in clear words and graphics the county guidelines for behaviors.



Privacy First Approach

We take a transparent and clear approach to privacy and data ownership. Users select the level of privacy with which they are comfortable.

- Minimal data collections mean we are transparent about what we collect and how it enables the app features
- We keep data no longer than necessary and allow users to delete their data at any time
- Consent, choice, and control are fundamental. We provide users a choice of privacy levels that they can change at any time, and we honor that change immediately
- Robust security controls ensure data is transferred and stored securely on highly controlled infrastructure



Summary of COVID-19 capabilities that are part of ROKWIRE

OUR COVID-19 CAPABILITIES INCLUDE

- Integration with healthcare providers
- Self-reporting of symptoms
- Opt-in exposure notifications
- COVID-19 Status individualized for each user
- Recommended next steps for maintaining or improving health
- Simplified county guidelines
- Privacy First approach

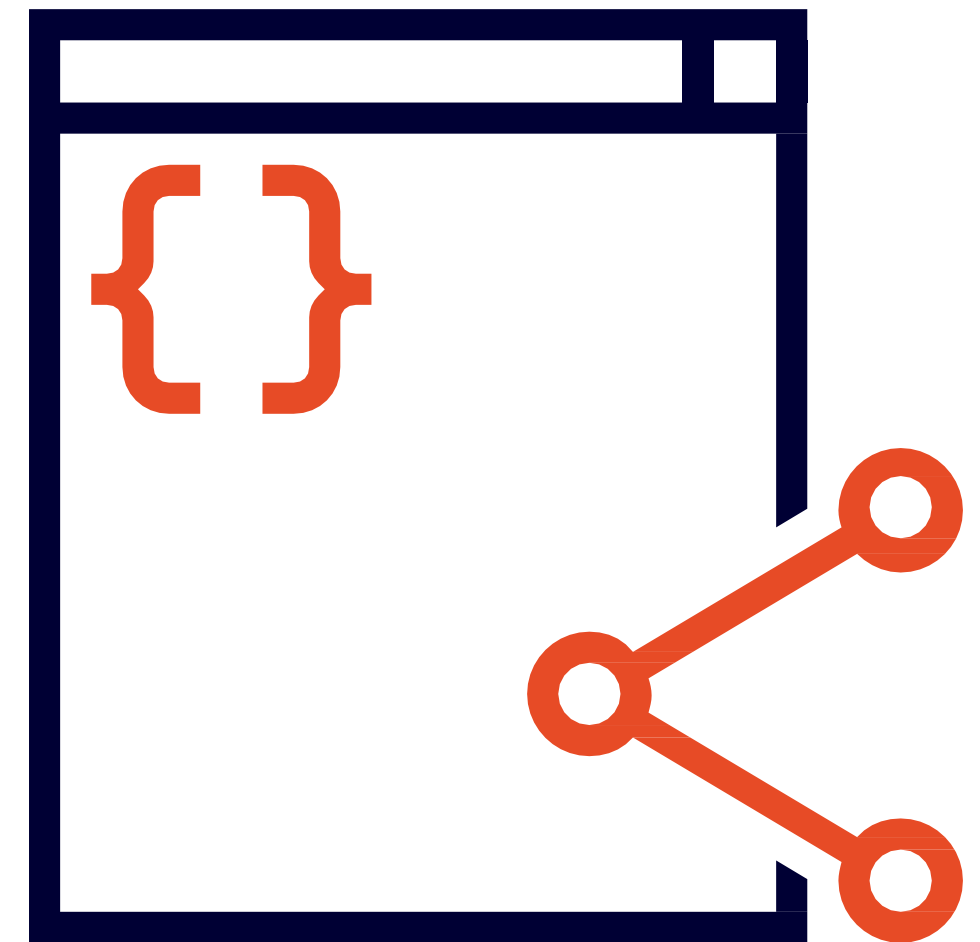
Open Source

We built the ROKWIRE platform open source because we are deeply collaborative.

We are creating a community of collaborators from around the world.

Because the community is involved in building the platform, they are invested in maintaining it, too.

We rely on our diverse open source collaborators to identify opportunities and problems, examine and write code, and submit solutions.



ROKMETRO, INC.

Champaign, IL based private company built to commercially support the ROKWIRE Open Source platform.

CONSULTING SERVICES

Helping you understand and maximize the effective use and value the ROKWIRE platform can bring to your University.

AWS HOSTING AND 7/24 SUPPORT

Turn key bring up and management of the platform and creation or integration with your official University application.

INTEGRATION SERVICES

Integrating the specific systems on your campus, such as Student/Staff authentication system, Healthcare providers COVID-19 test results, Sidearm athletic content feeds, web based services and more.



I ROKWIRE

If you have questions or want to schedule a demonstration, please contact

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