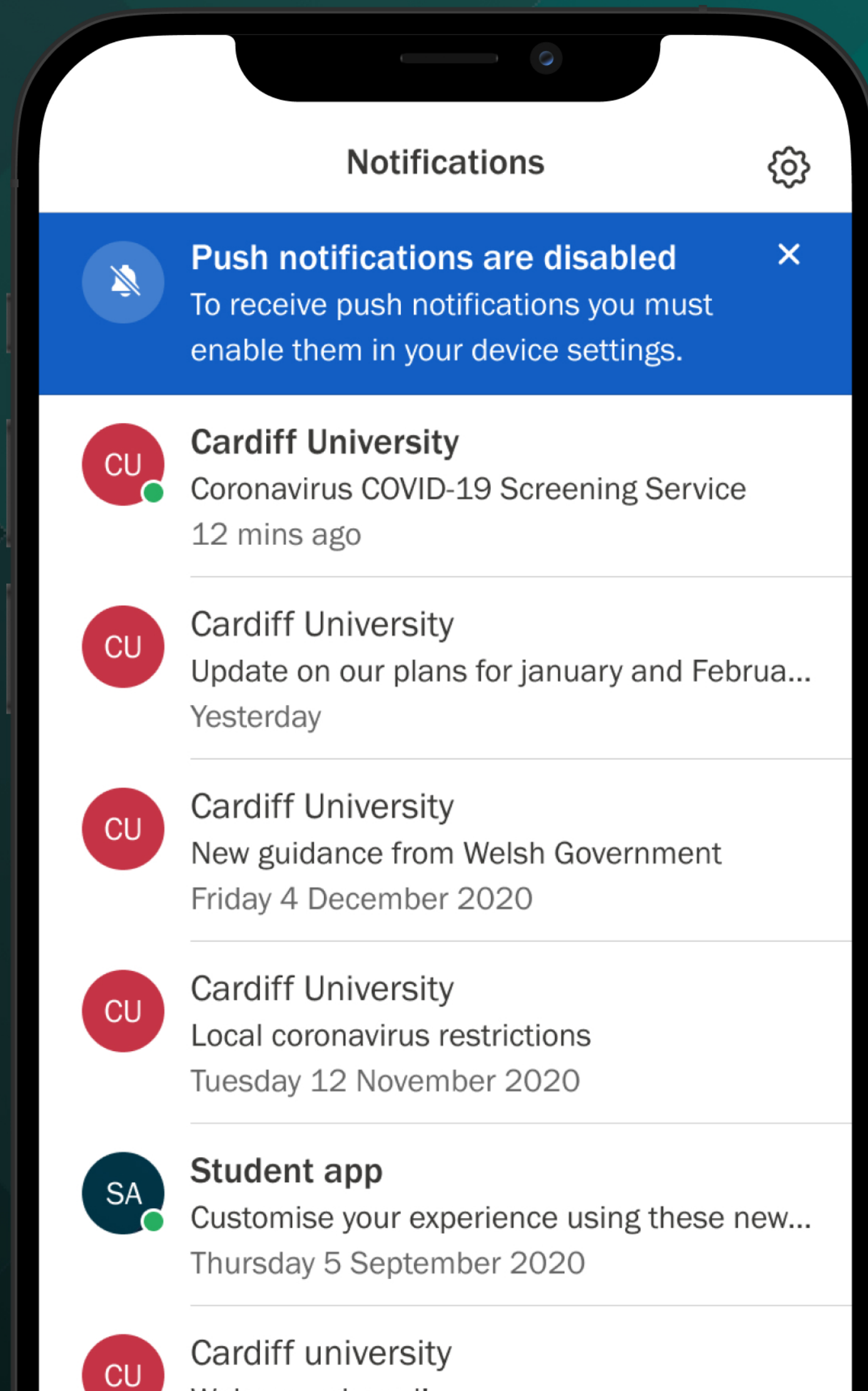




COVID-19 Screening Service

To deliver a service with the capacity to regularly test all asymptomatic students and staff members spending time on campus.

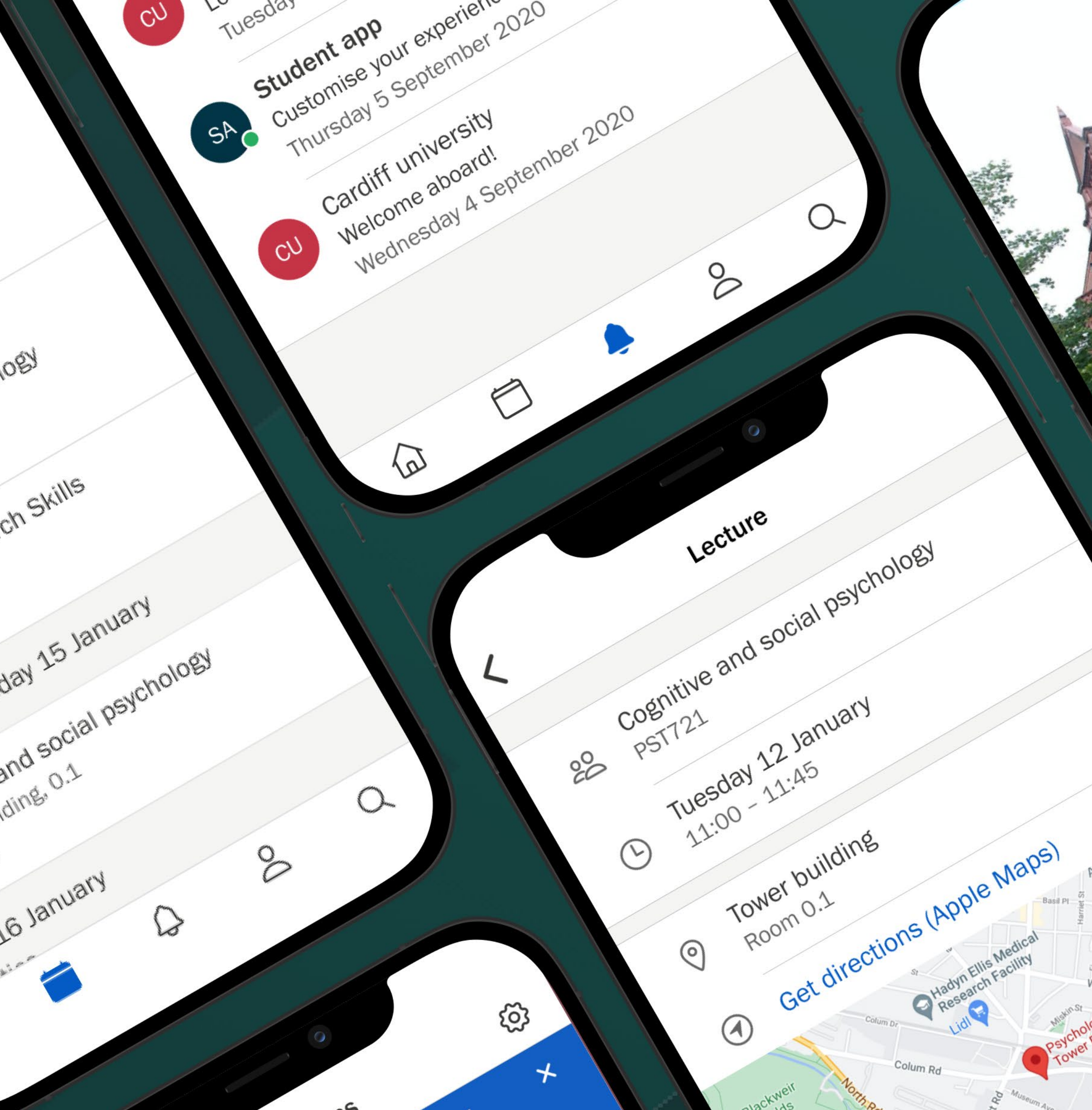
- Book time slots at multiple testing centres
- Store highly sensitive data
- Associate tests with user data
- Enable staff to manage bookings
- Instant communication of results
- Internal and external reporting



Notification service

To deliver cloud based communication tools to support the sending of instant messages across multiple channels to all students at Cardiff University.

- First cloud based service
- Usable when university systems are down
- Send push notifications to targeted groups
- Schedule messages
- Potentially upwards of 30,000 messages simultaneously



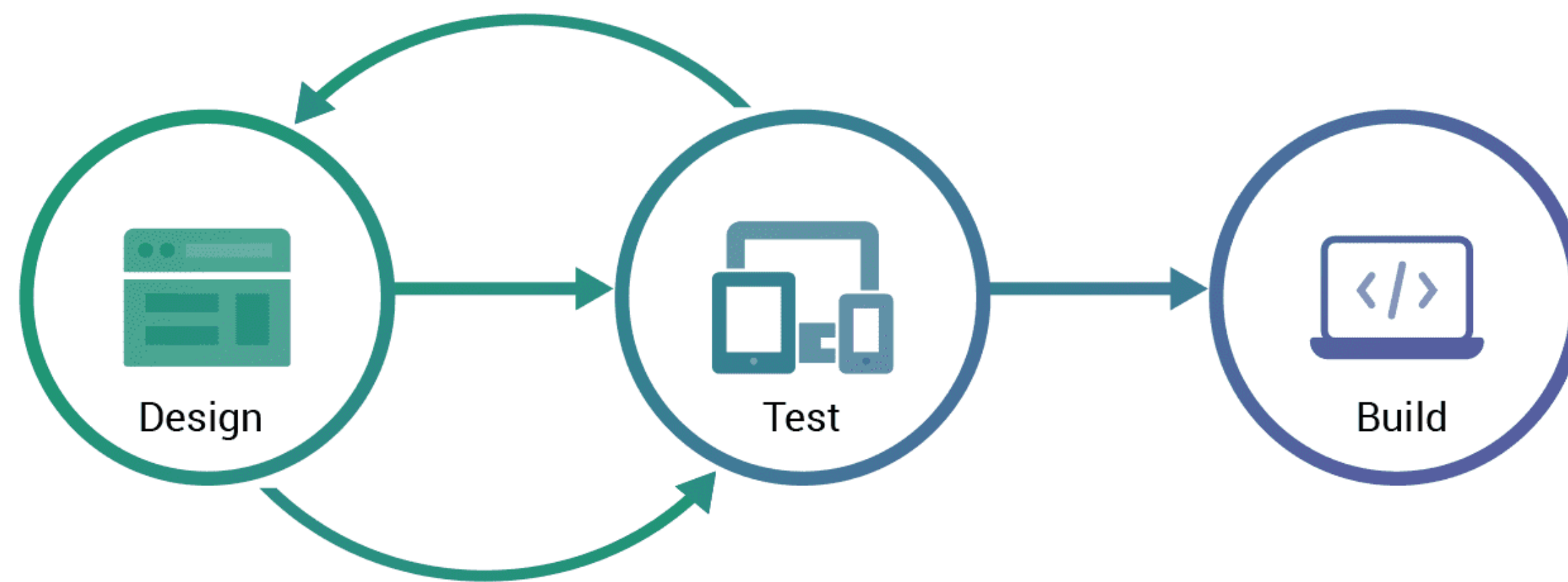
Student app

To build a product which helps students achieve their goals, by making it easier to manage and navigate their university experience.

- Replace existing off the shelf product
- Personalised and customisable
- Apple / Android
- Fast, secure, reliable and responsive
- Flexible platform enabling delivery of ambitious and exciting functionality

What is API first approach?

API first architecture is an approach to software design that centres the API in order to create applications that can easily interface with one another.

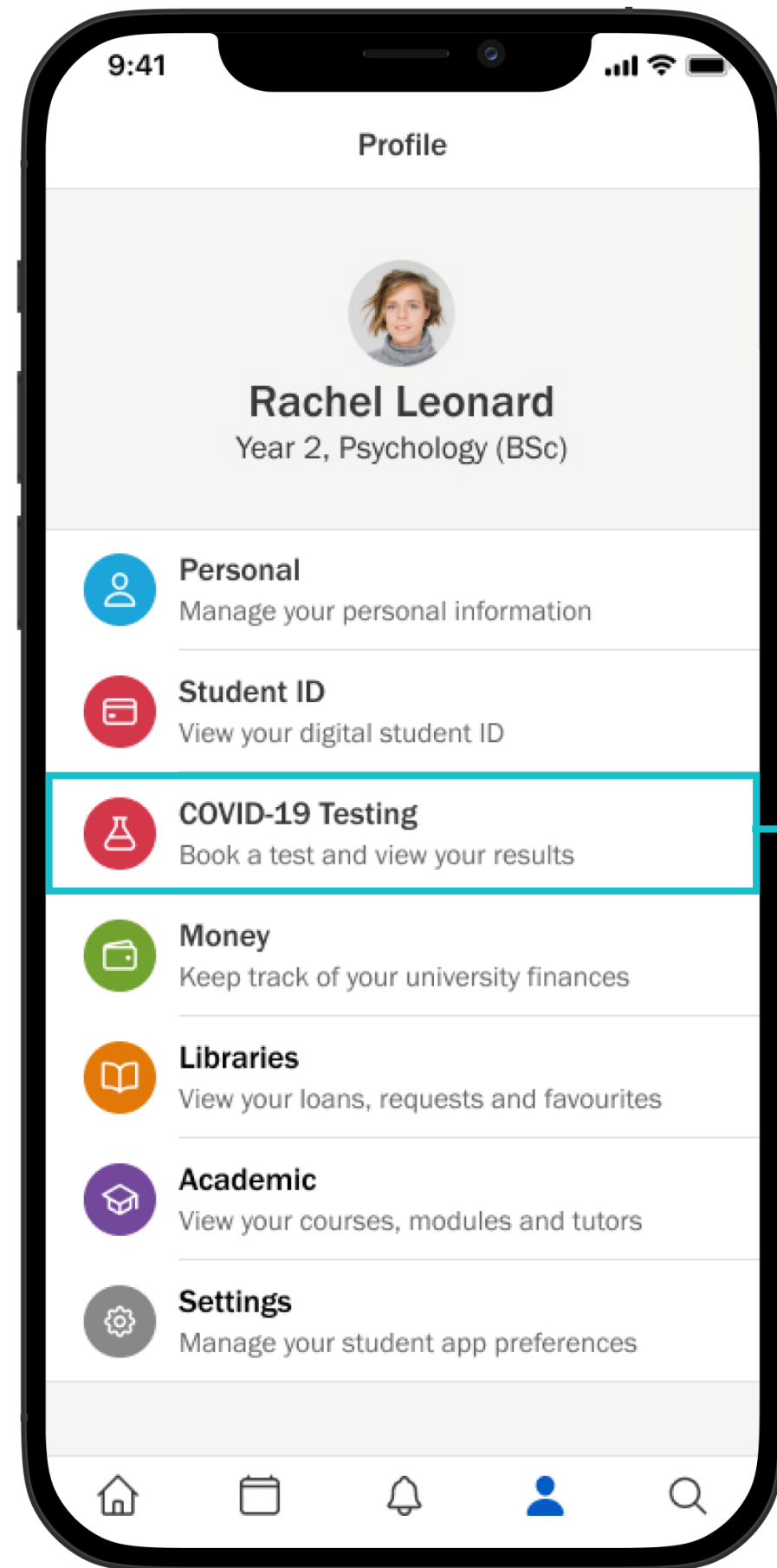


- Accelerates the development process
- Optimised development costs
- Easier to reuse code
- Reduces the risk of failure
- Enables parallel software development
- Opens up possibilities
- Strong confidence in delivering

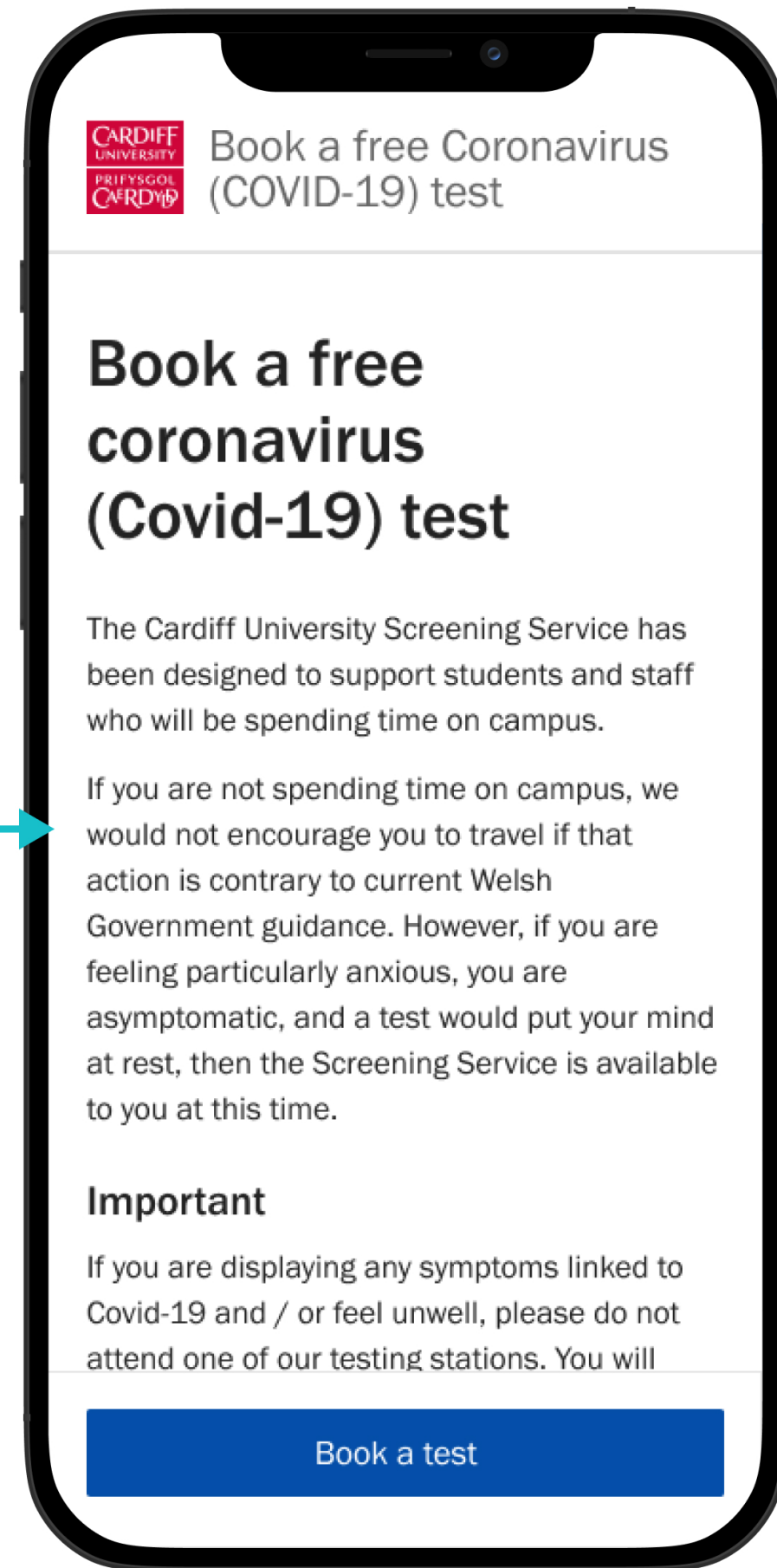
Delivery timeframes

Product/service	Development time	Project status
Student app	3 months	Android and Apple Beta versions released and trialed by students
Notification service	4 weeks	First test notification sent to the Beta version of the mobile app
COVID-19 Service	7 weeks	Service delivered and piloted with staff

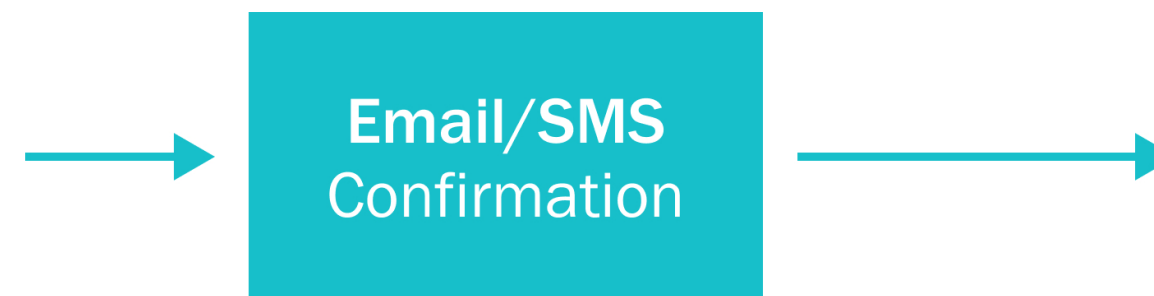
Discover



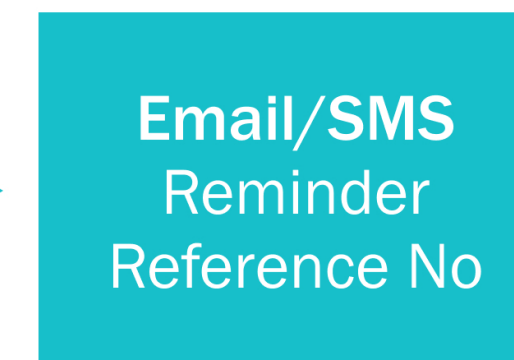
Book



Confirm booking



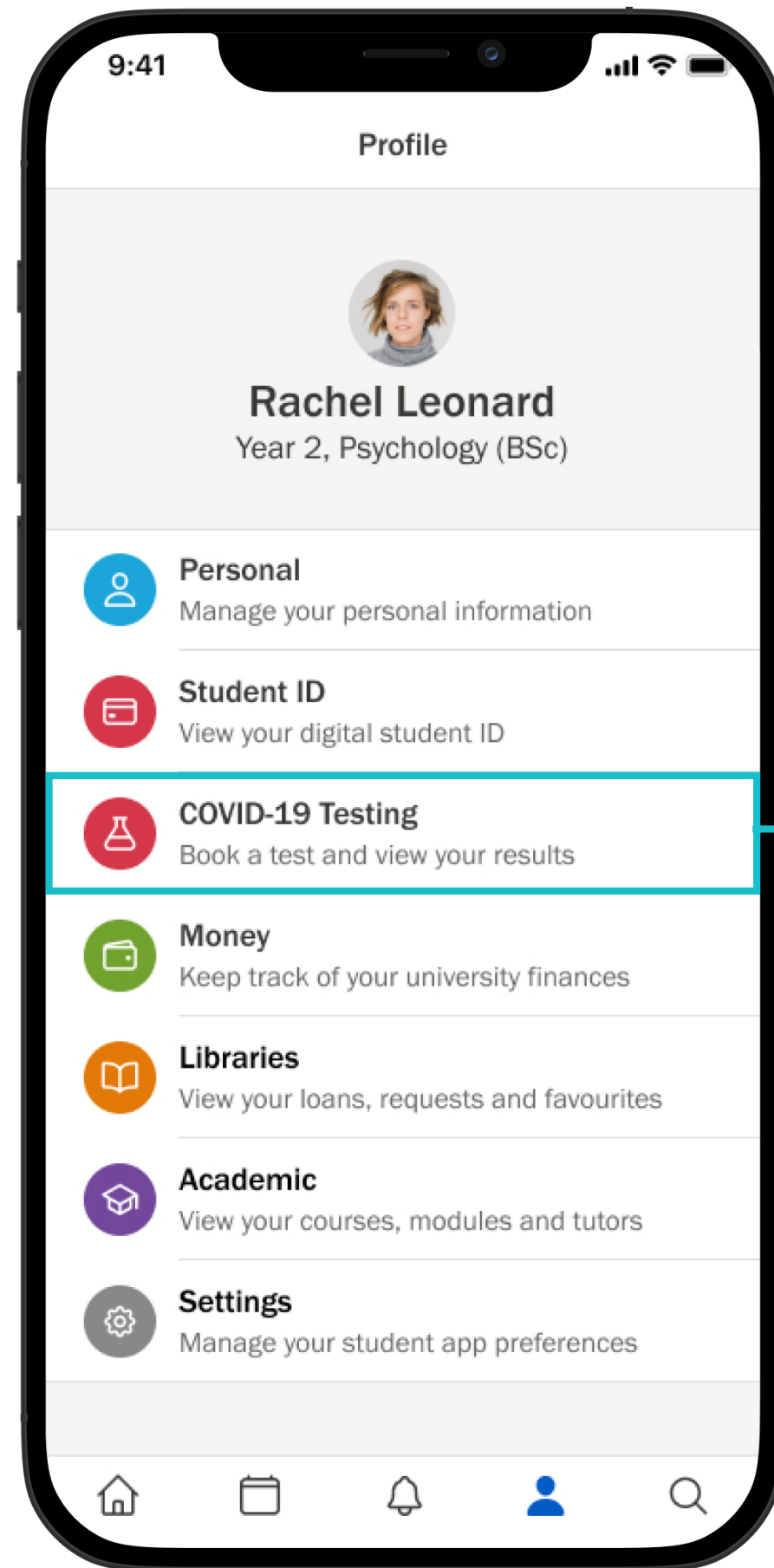
Take test



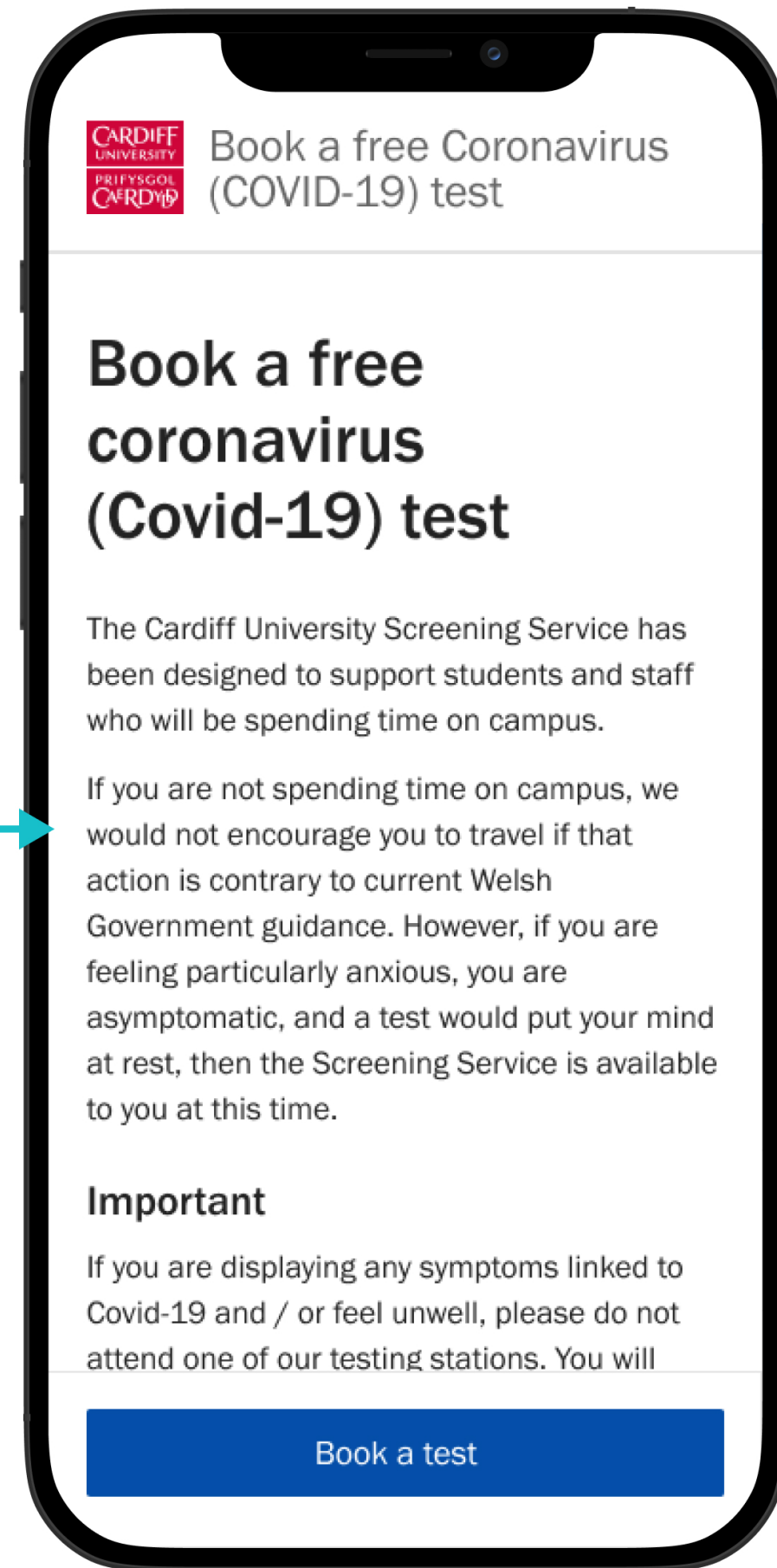
Result



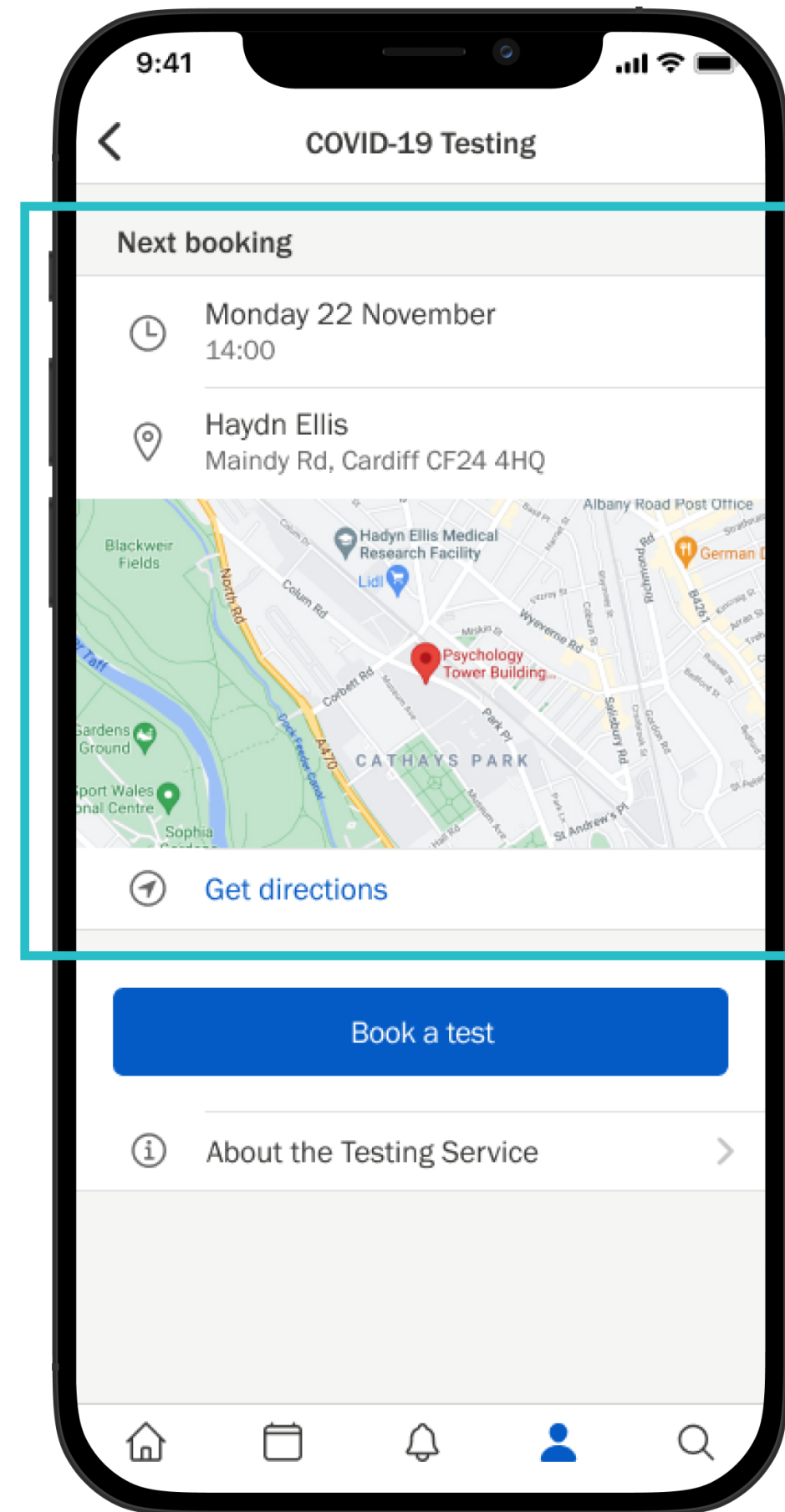
Discover



Book



Confirm booking



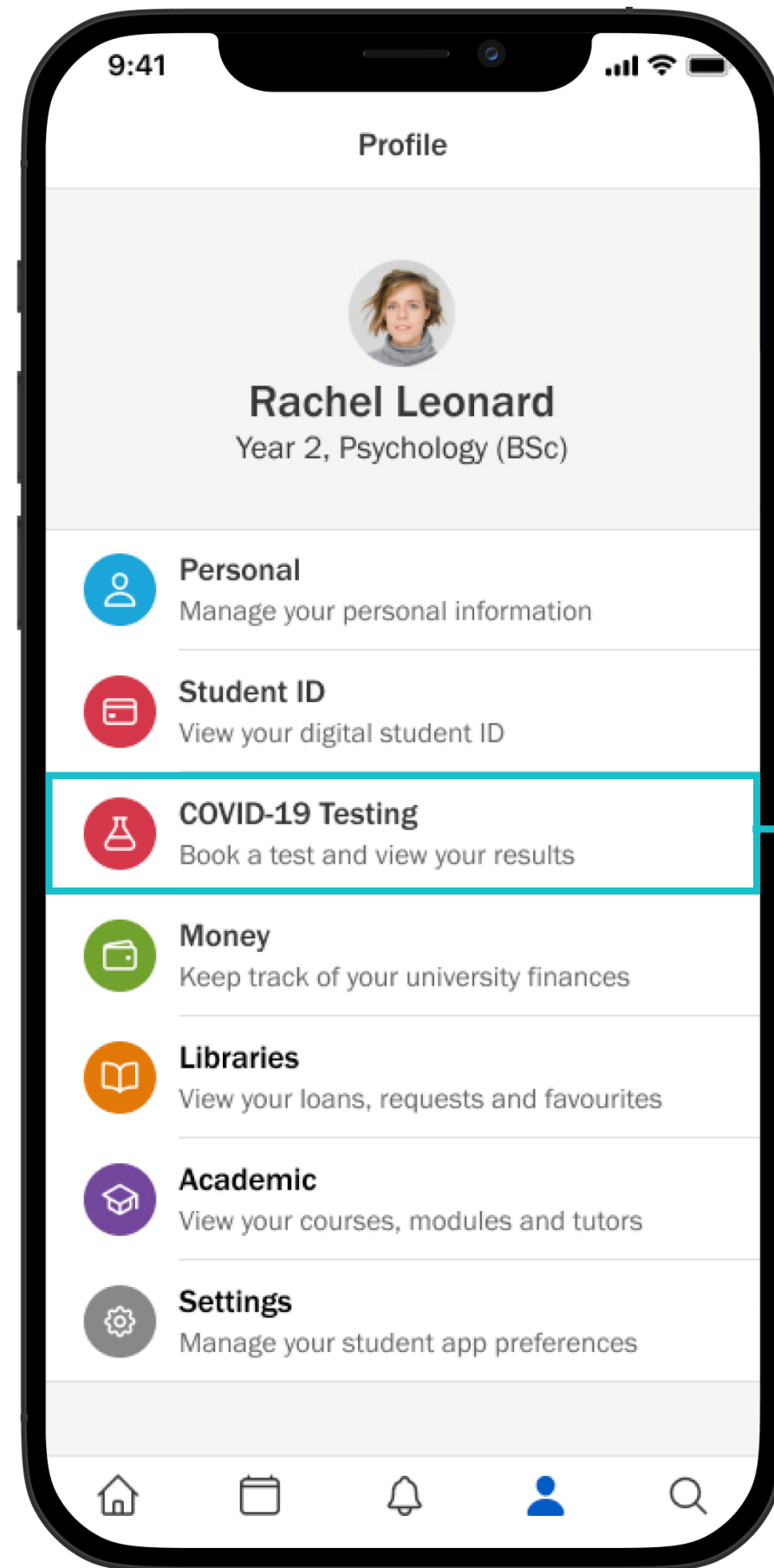
Take test

Email/SMS
Reminder
Reference No

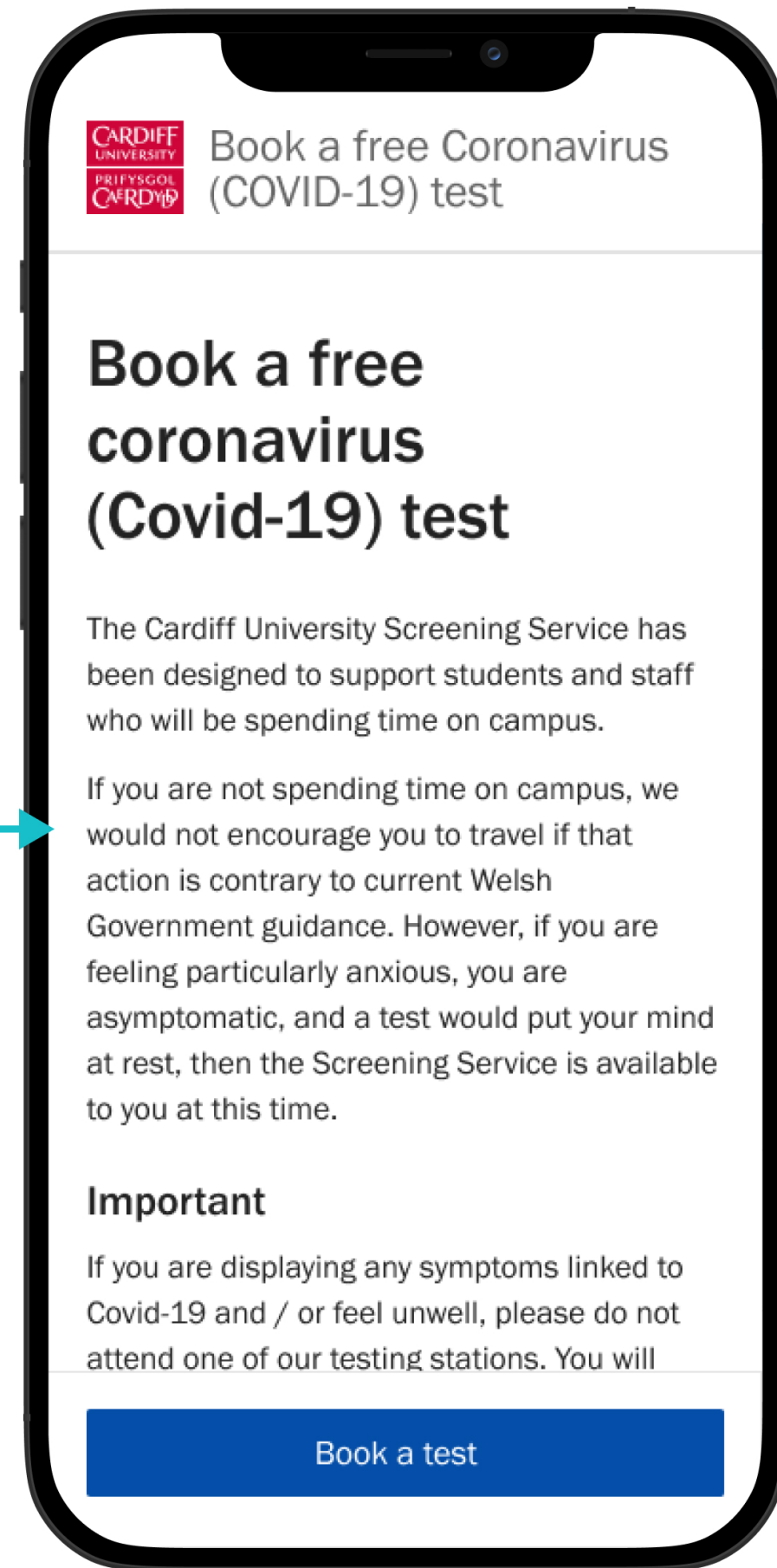
Result

Email/SMS
Results

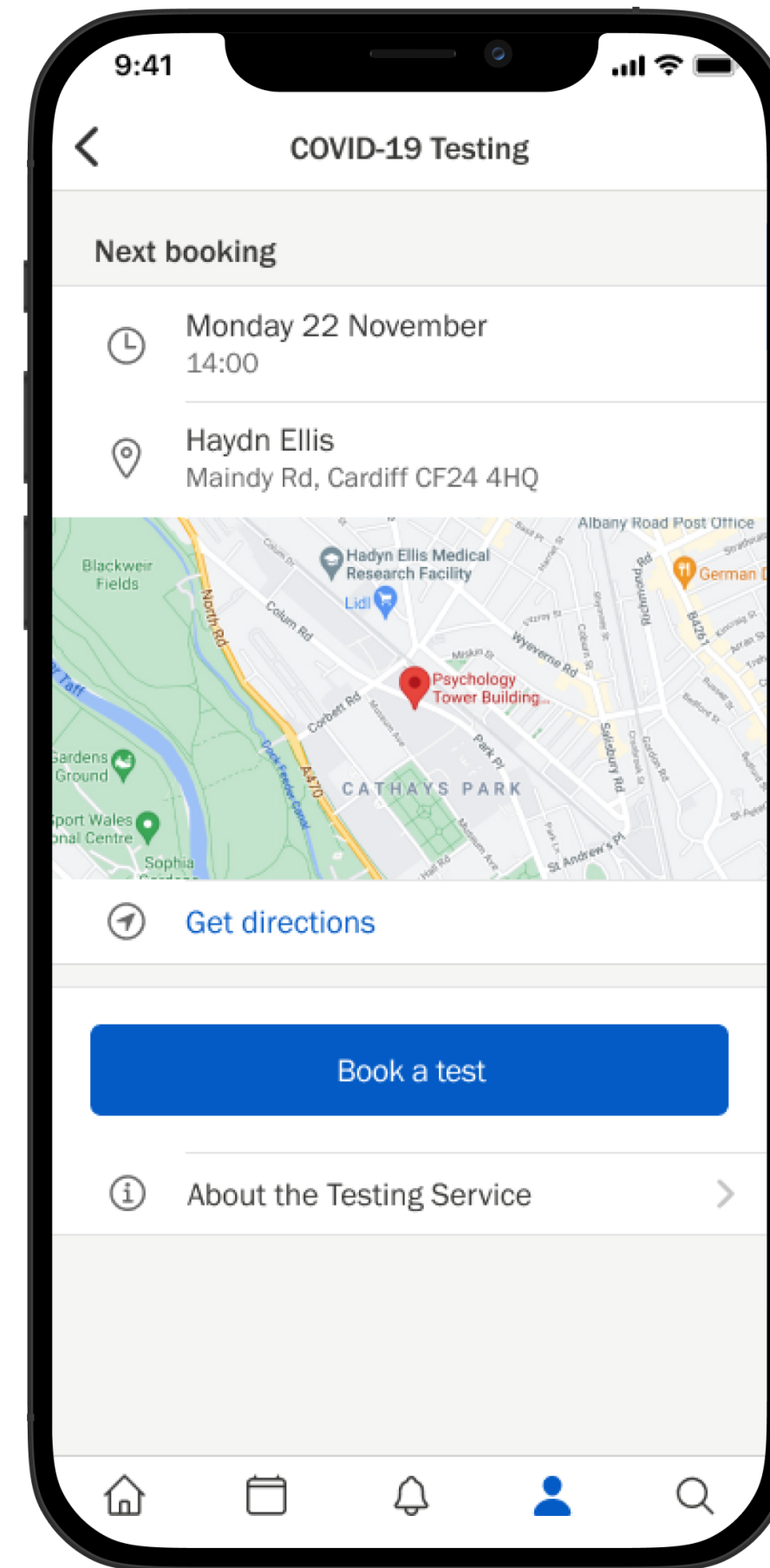
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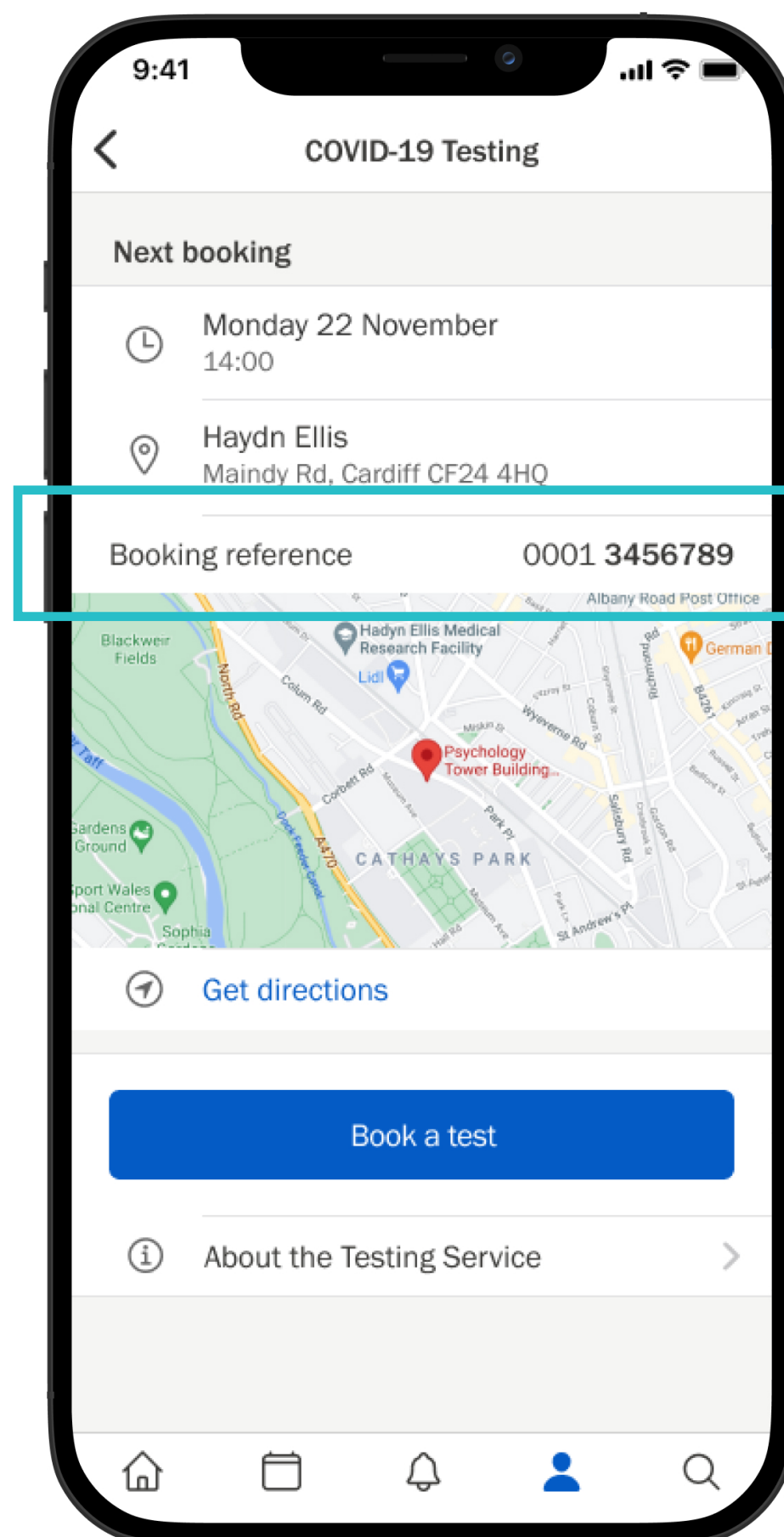
Book



Confirm booking



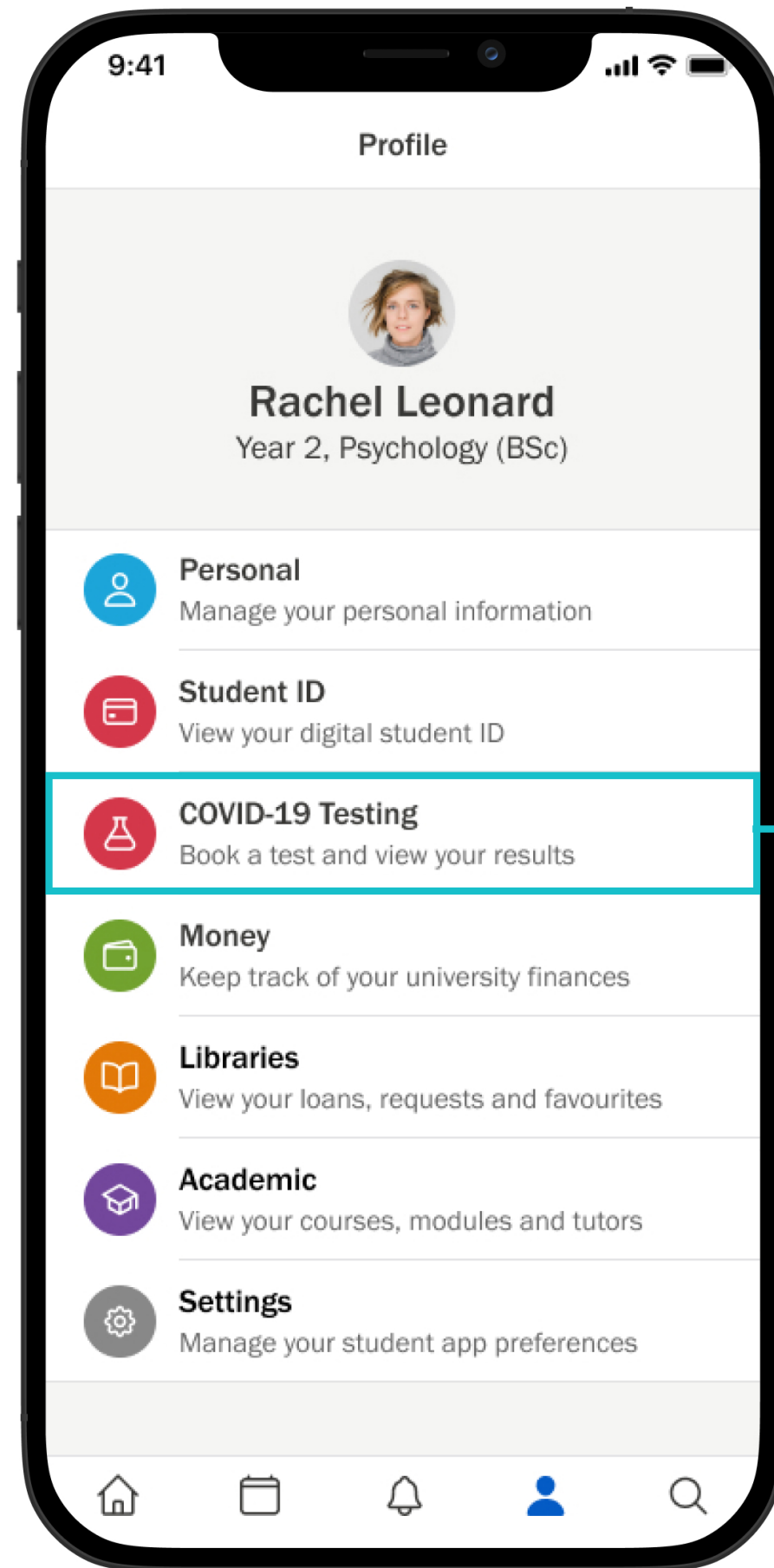
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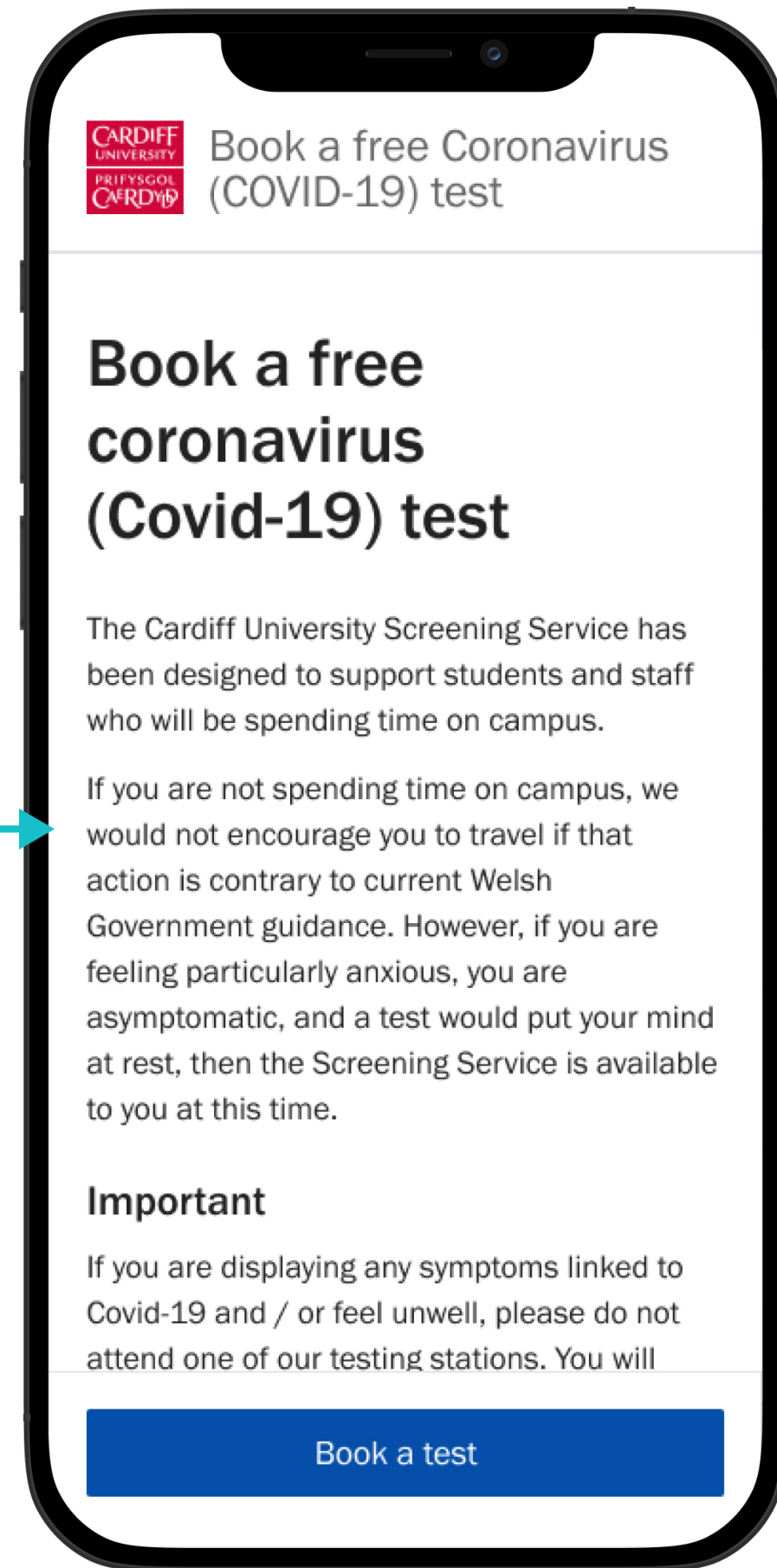
Result

Email/SMS
Results

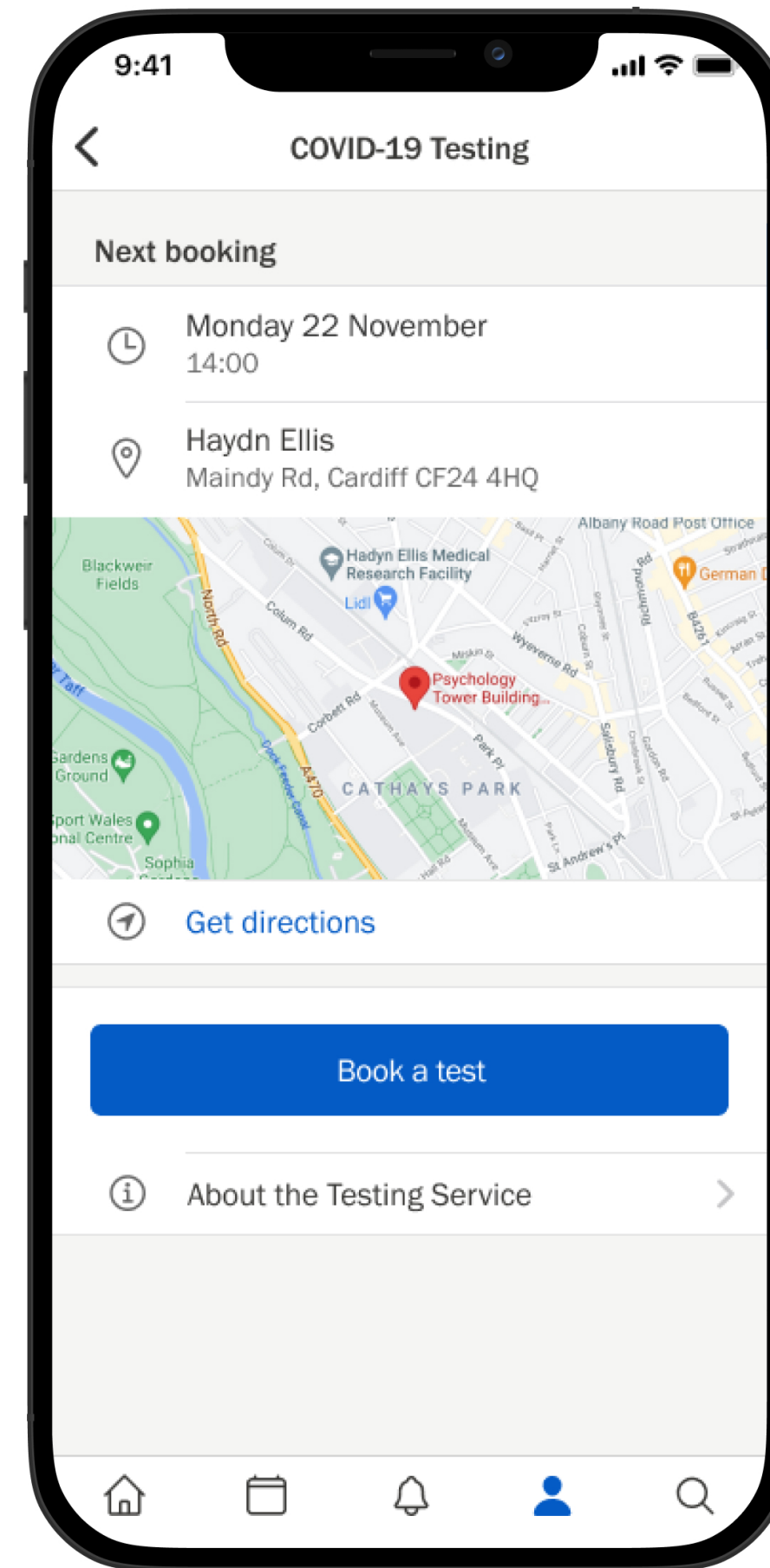
Discover



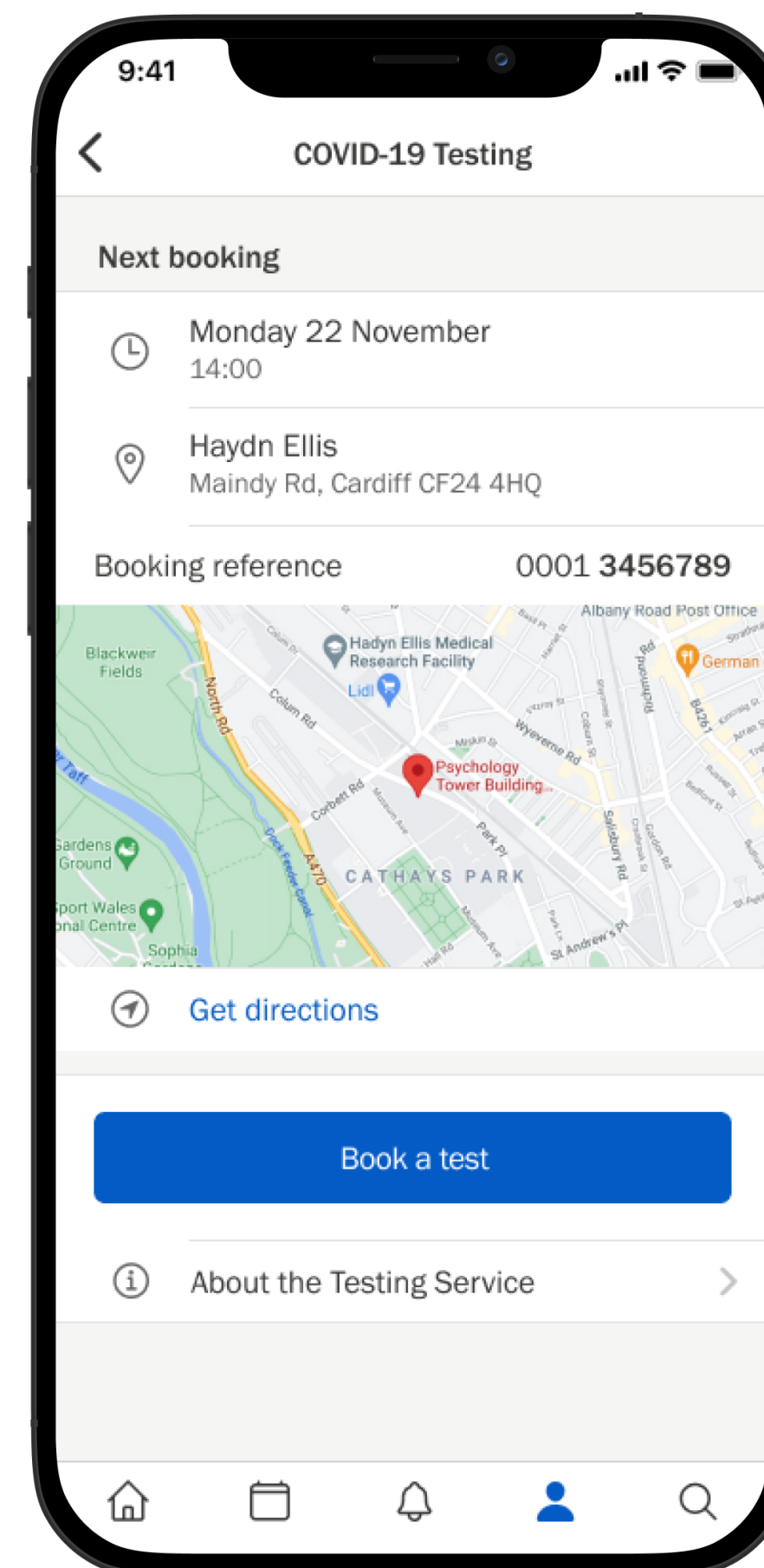
Book



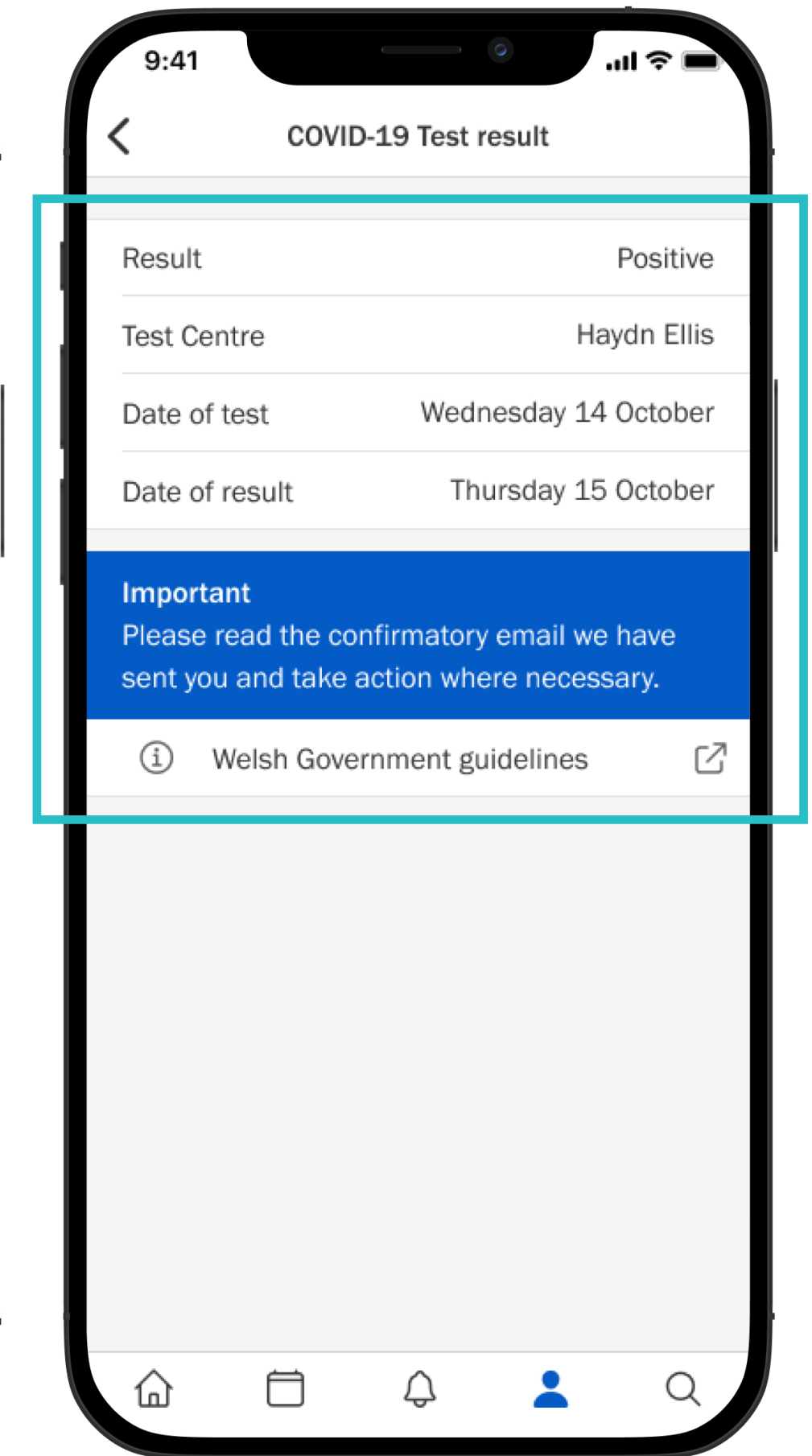
Confirm booking



Take test



Result



Thank you