



Covid - 19 Response

Rob Caffey
Chief Applications Officer
Deputy CIO of Applications

A decorative horizontal bar with a red segment on the left and a white segment on the right, positioned above the title.

Overview

1. About me
2. About KU & KU Information Technology (KU IT)
3. Timeline: coronavirus response
4. Current initiatives:
 1. Queuing solution
 2. Student attendance
 3. “Hot spots” dashboard
 4. Microsoft Teams



About Me

Rob Caffey
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- 20+ years in IT
- Information Systems Administrator
- Interim CIO & Special Assistant to the CIO, Kansas State University
- Currently, Chief Applications Officer, Deputy CIO of Applications at the University of Kansas



About KU





About the University of Kansas

1

Major public research and teaching university in Kansas

3

Multiple campuses, including Lawrence and Overland Park, KS

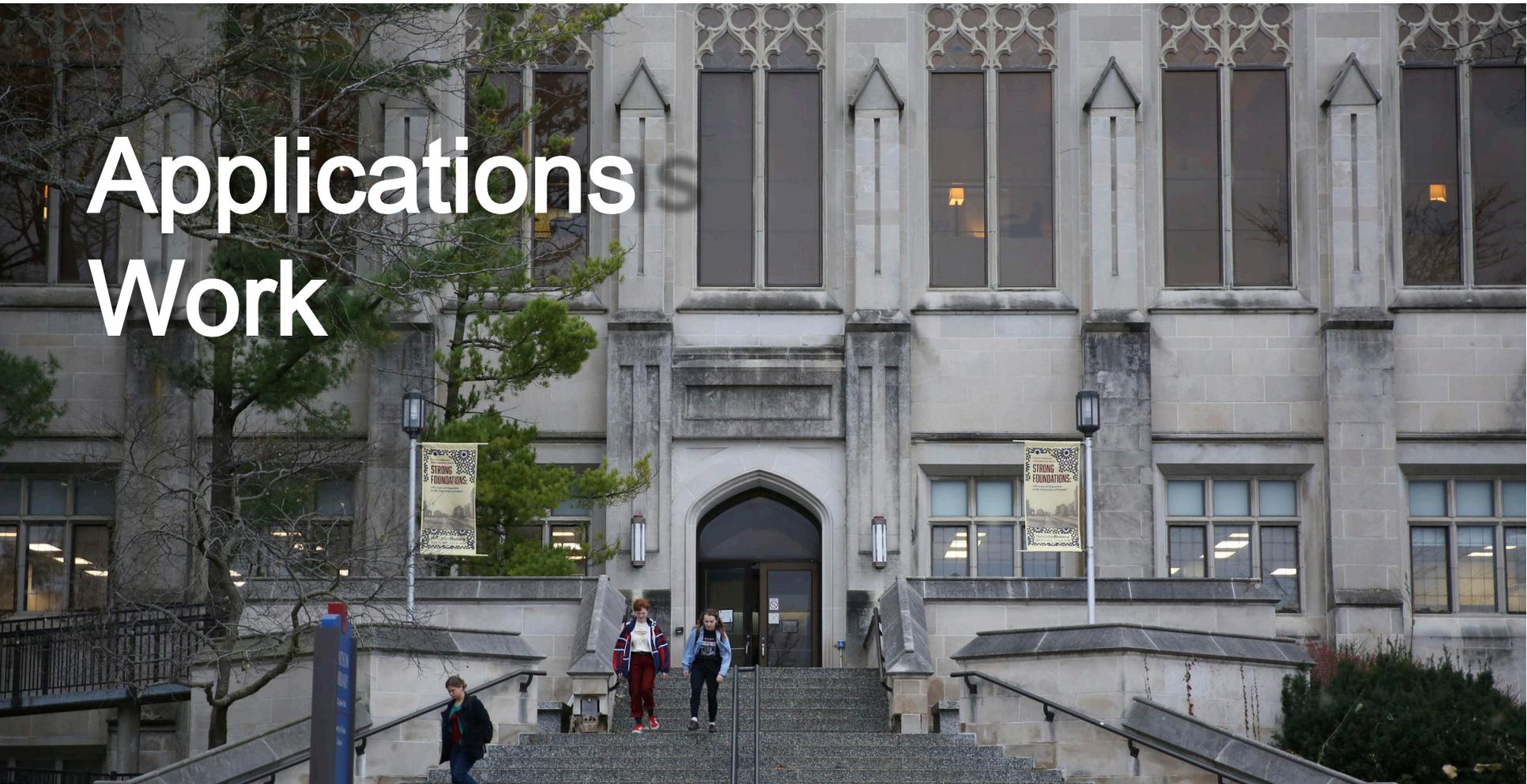
2

19,500 undergraduate students
7,885 graduate students
1,432 faculty
3,454 staff

4



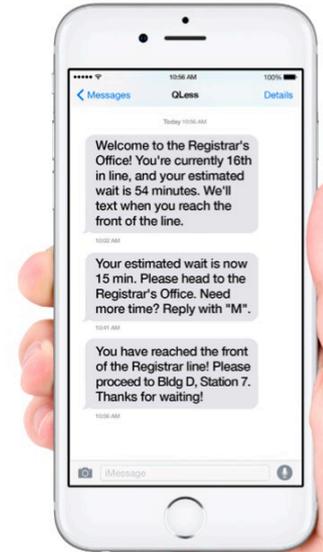
Applications Work





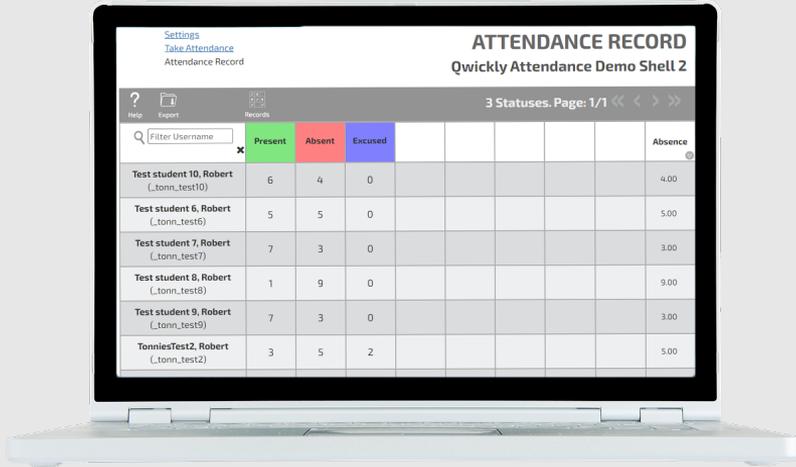
Queuing solution: Qless

- Students join queue via campus website, mobile phone or on-site kiosk.
- Instead of waiting in lobby, students wait where they want
- Students receive timely updates about their appointment time or place in line
- Web-based supported by all browsers
- Bi-directional communication connect staff with students in line
- Real-time dashboard displays each queue and data on each location
- Cloud based SaaS solution means no backend to manage, patch or upgrade





Attendance solution: Qwickly



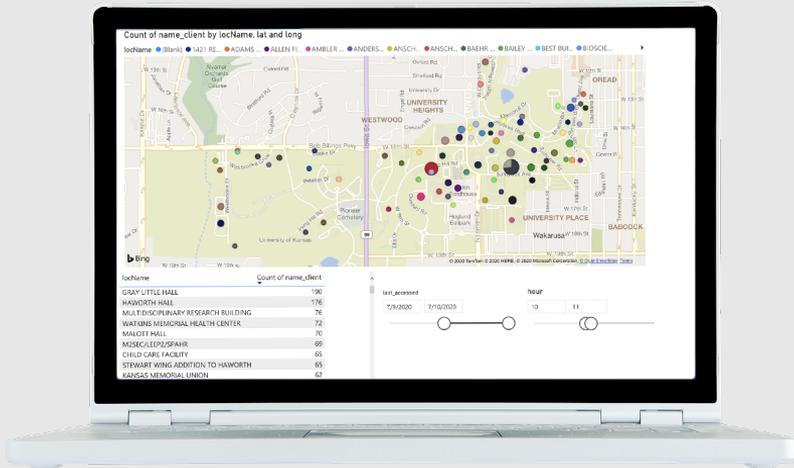
The image shows a laptop screen displaying the Qwickly Attendance Record interface. The interface includes a header with 'ATTENDANCE RECORD' and 'Qwickly Attendance Demo Shell 2'. Below the header is a navigation bar with 'Help', 'Export', and 'Records' options. A search bar labeled 'Filter Username' is present. The main area is a table with columns for 'Present', 'Absent', 'Excused', and 'Absence'. The table contains data for several test students.

	Present	Absent	Excused						Absence
Test student 10, Robert (.tonn_test10)	6	4	0						4.00
Test student 6, Robert (.tonn_test6)	5	5	0						5.00
Test student 7, Robert (.tonn_test7)	7	3	0						3.00
Test student 8, Robert (.tonn_test8)	1	9	0						9.00
Test student 9, Robert (.tonn_test9)	7	3	0						3.00
TonniesTest2, Robert (.tonn_test2)	3	5	2						5.00

- Qwickly used on campus prior to Covid-19
- Doing more to promote its use for academic courses
- Two methods for attendance: Instructor noted or check-in feature
- Integrates with Blackboard
- Additionally, uses mobile app
- Optional for instructors
- Limitations include:
 - No way to segment attendance via online vs. in-person, instructor has to manually note

“Hot spots” Dashboard

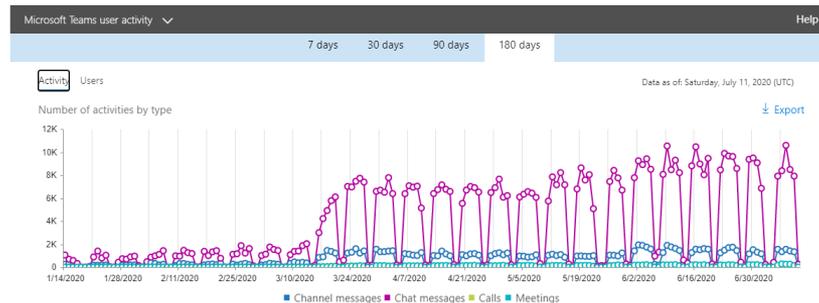
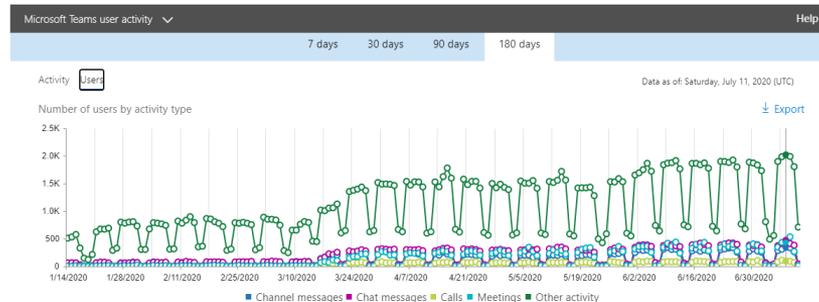
- Custom-built dashboard using PowerBI
- Created in house
- Leverages data from Wireless Access Points
- KU currently uses Aruba for Wi-Fi
- Not use for contact tracing, more general visibility into populations on campus





Microsoft Teams as the “Jayhawk Cloud”

- Microsoft Teams available prior to pandemic
- Now, able to self-create Teams
- Plans for promoting adoption in courses and student groups to increase connection and engagement

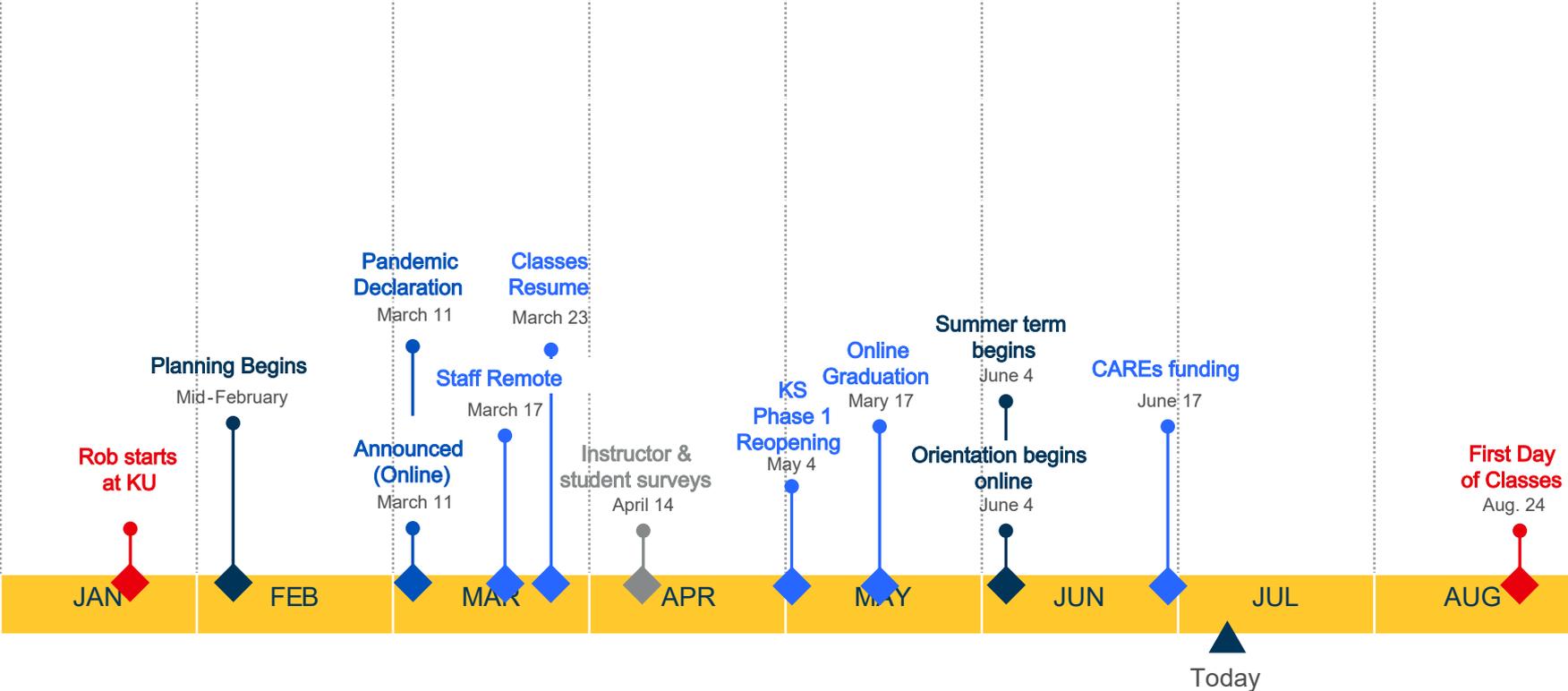




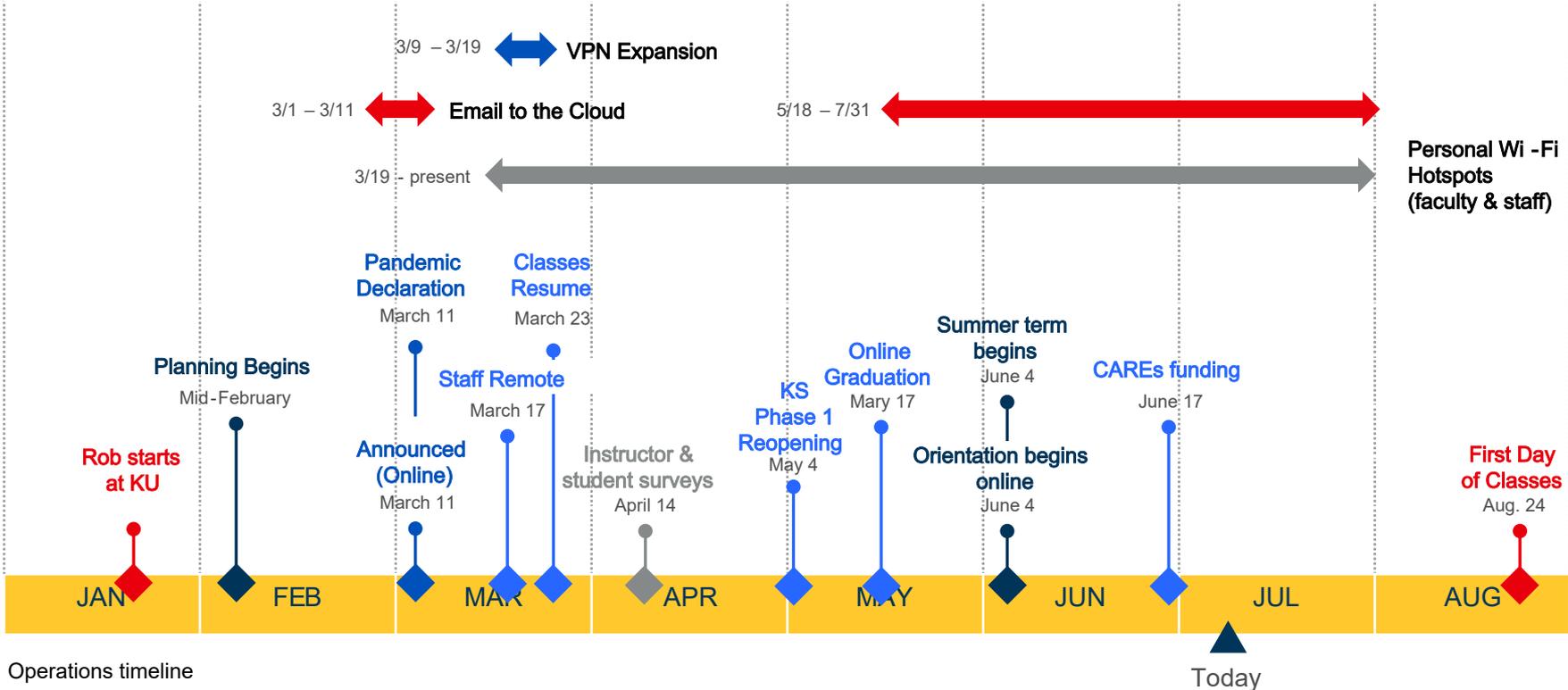
Covid - 19 Response



COVID-RESPONSE TIMELINE

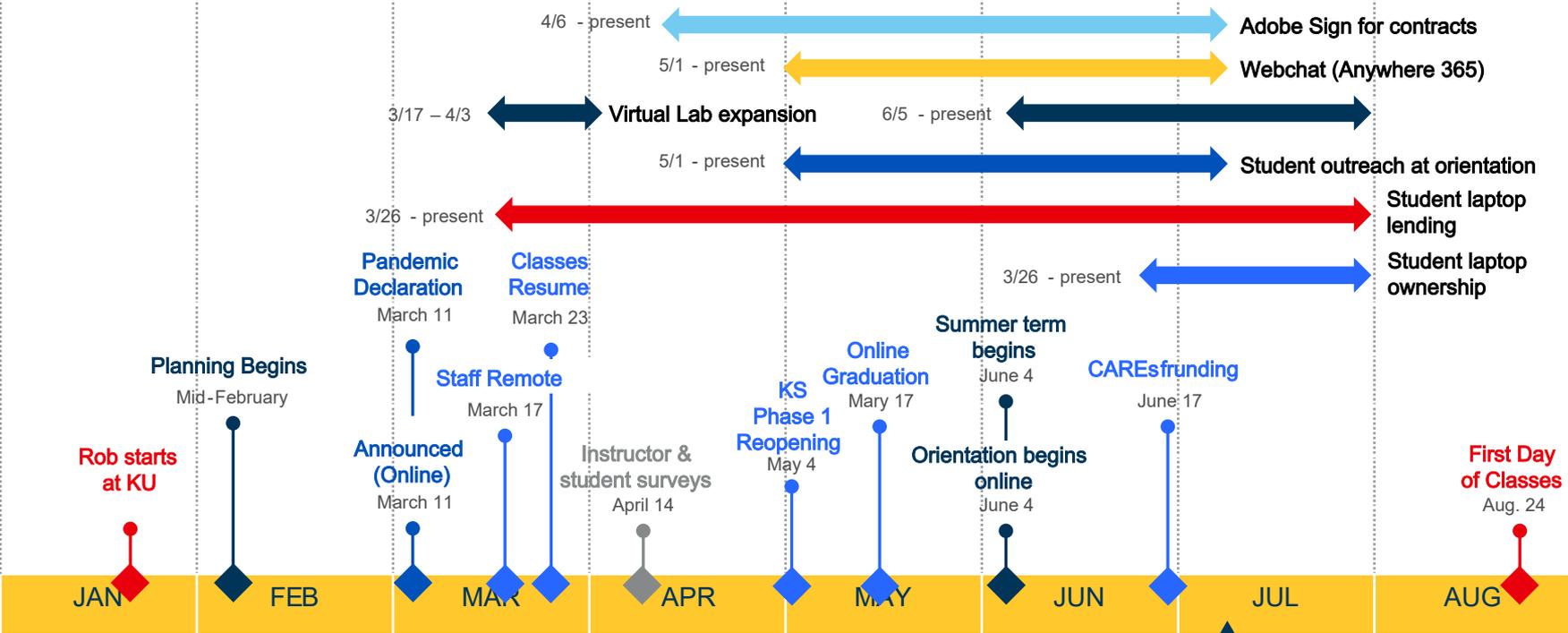


COVID-RESPONSE TIMELINE



Operations timeline

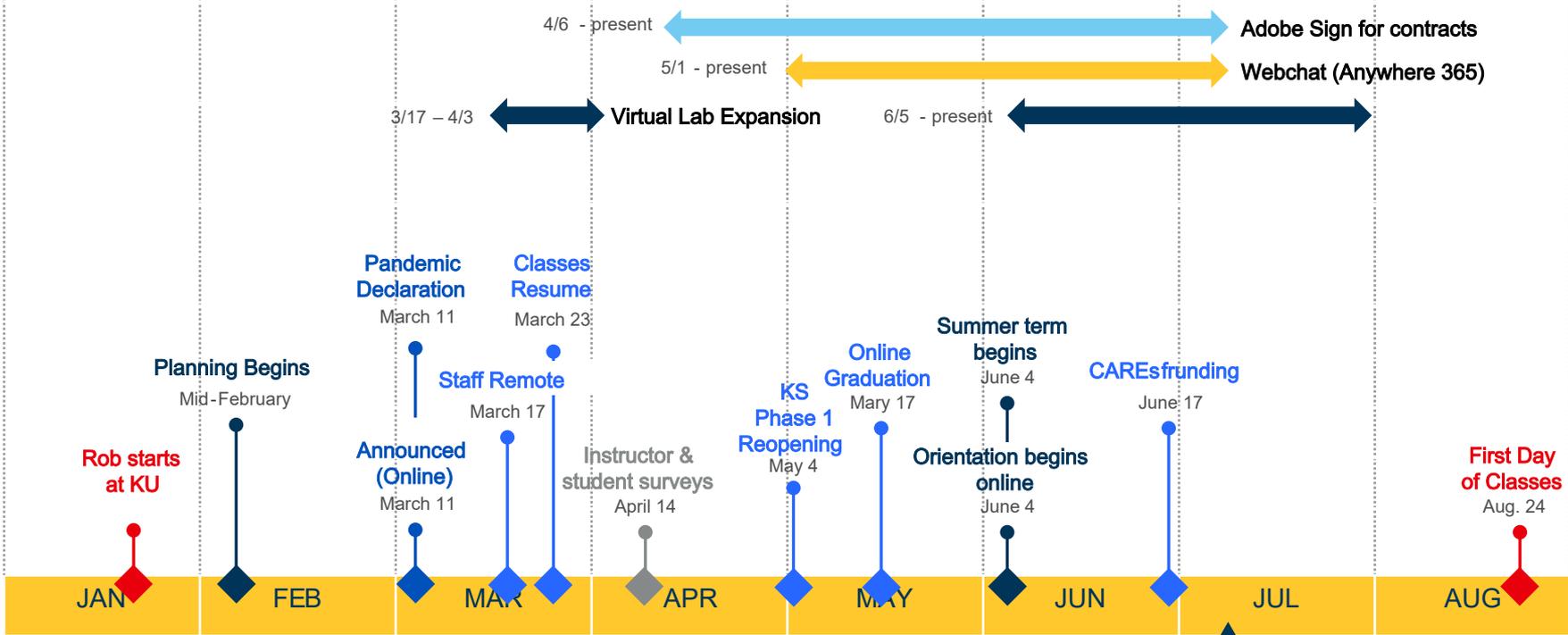
COVID-RESPONSE TIMELINE



Support timeline

Today

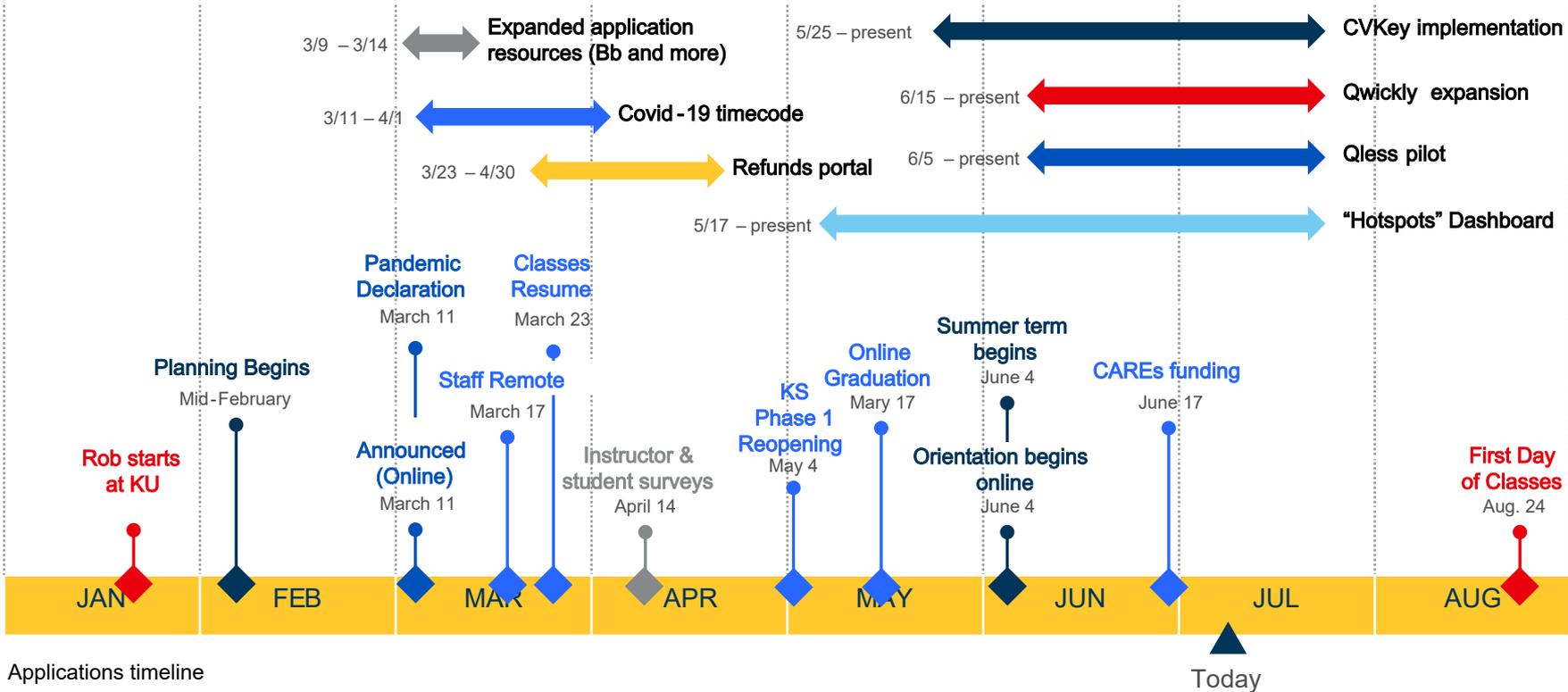
COVID-RESPONSE TIMELINE



Security timeline

Today

COVID-RESPONSE TIMELINE





Conclusion





Thank you.

