

OCTOBER 2021

TRACKING STUDENT ATTENDANCE DURING A PANDEMIC

The Alliance Showcase

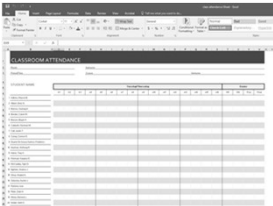
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UNIVERSITY.

KHALIFA, TRACKING ATTENDANCE

Pre-COVID !!

- Used an excel template
- Print on a thick paper.
- Collect students' signatures.



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KHALIFA, TRACKING ATTENDANCE

The COVID era!


- Online attendance :
 - running a Zoom Usage Report
- in-person attendance:
 - Verbally : not useful in case of large class size
 - Electronically :
 - Post a poll/question
 - Use a quiz, password!
 - Use an app, quick and automated

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KHALIFA, TRACKING ATTENDANCE

You here

- Mobile app.
- Students should:
 - install the app
 - Enroll in a class
 - use their phones to check-in
 - GPS-based




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PRESENTATION TITLE

You here

- The instructor's view
 - Create an account
 - Create a class
 - Manage settings
 - Allow (self) enrollment
 - Repeat for other classes




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PRESENTATION TITLE

You here

- Settings
 - Class code
 - Geofence
 - The center
 - Allowable distance from center
 - Attendance times/days



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PRESENTATION TITLE

You here, in action!

Get Started! ▾

39.52% 2 of 5 steps complete

Attendance Tracker App

To enhance cross-compatibility that may result from circulating an attendance sheet, we are going to utilize the NuWare App to track attendance.

Please follow the steps below to be ready to check in on the first day of class:

1. Follow the link to download and install the App on your mobile phone.
2. Enroll in the class "PWV_CS350_P45000"
3. Format your app in name as "Lastname, Firstname"
4. Familiarize yourself with the app, more info can be found here.

Name (last,first) * (0 enrolled)	Check-ins #
Chapman, Deborah	1
Chen, Hsinhsuan	0
Changler, Thomas	0
Chen, Aaron	2
Chen, Rose	3
Changler, Brian	2
Chen, David	3
Changler, William	1
Chen, Keeshaun	1
Chen, Yi	3

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PRESENTATION TITLE

You here, more options

39.52% 2 of 5 steps complete

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Check-ins for Section: PWV_CS350_P45000

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PRESENTATION TITLE

You here, why not!

- Any one can enroll.
- Not free!

Welcome to the app

Class code: Enrolled: 20 Allow new arrivals: Attendance mode: Class settings:

100 Mobile check-ins

Last check-in?

Pricing

One device per student
No hidden charges or ongoing billing
100 Free Check-ins
Per class

\$99.99 / year
(one-time fee)

- Unlimited check-in across classes, meetings, gatherings, etc.
- Email generated attendance
- Full access to your check-in logs (CSV report, etc.)
- Custom generated check-in QR codes
- Clear and readable QR code print
- Simple, free and safe app
- Easy and helpful on-boarding screen
- Fast and helpful support

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PRESENTATION TITLE

QR attendance

- Uses QR codes with the name of the person.
- Auto detect arrival or departure
- Continuous scanning option
- No limits to the amount of QR codes that can be scanned
- Alarm if a code is scanned twice

QR Attendance Control

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PRESENTATION TITLE

QR codes

- The QR Code Generator <https://www.the-qrcode-generator.com/>
- Customized text
- Save/print code
- Free

QR Code Generator

Text:

QR Code

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PRESENTATION TITLE

QR attendance, in action

39.52% 2 of 5 steps complete

Welcome!

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PRESENTATION TITLE

QR attendance, in action



- Continuous Scan
- Export data
 - Name the file with course and date

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PRESENTATION TITLE

QR attendance, Why not?


- Separate QR generation
 - Overload on instructor (one by one)
 - Inaccurate if done by students
- Data is collected session by session
 - Merging data need to be done manually.
- No instructor backend
 - Manage courses
 - Enroll students
 - Generate reports
 - Send notifications

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PRESENTATION TITLE

Next step!

- Team of senior CS students.
 - Term Project : CS360 Software Engineering
- Anticipated Features:
 - Account authentication.
 - Multiple courses.
 - Import student info.
 - Batch QR code generation.
 - Continuous QR scanning.
 - Error detection.
 - Automated report generation.



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PRESENTATION TITLE



Questions

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