# ATTENDANCE TRACKING SYSTEM

## NORTHWEST MISSOURI STATE UNIVERSITY
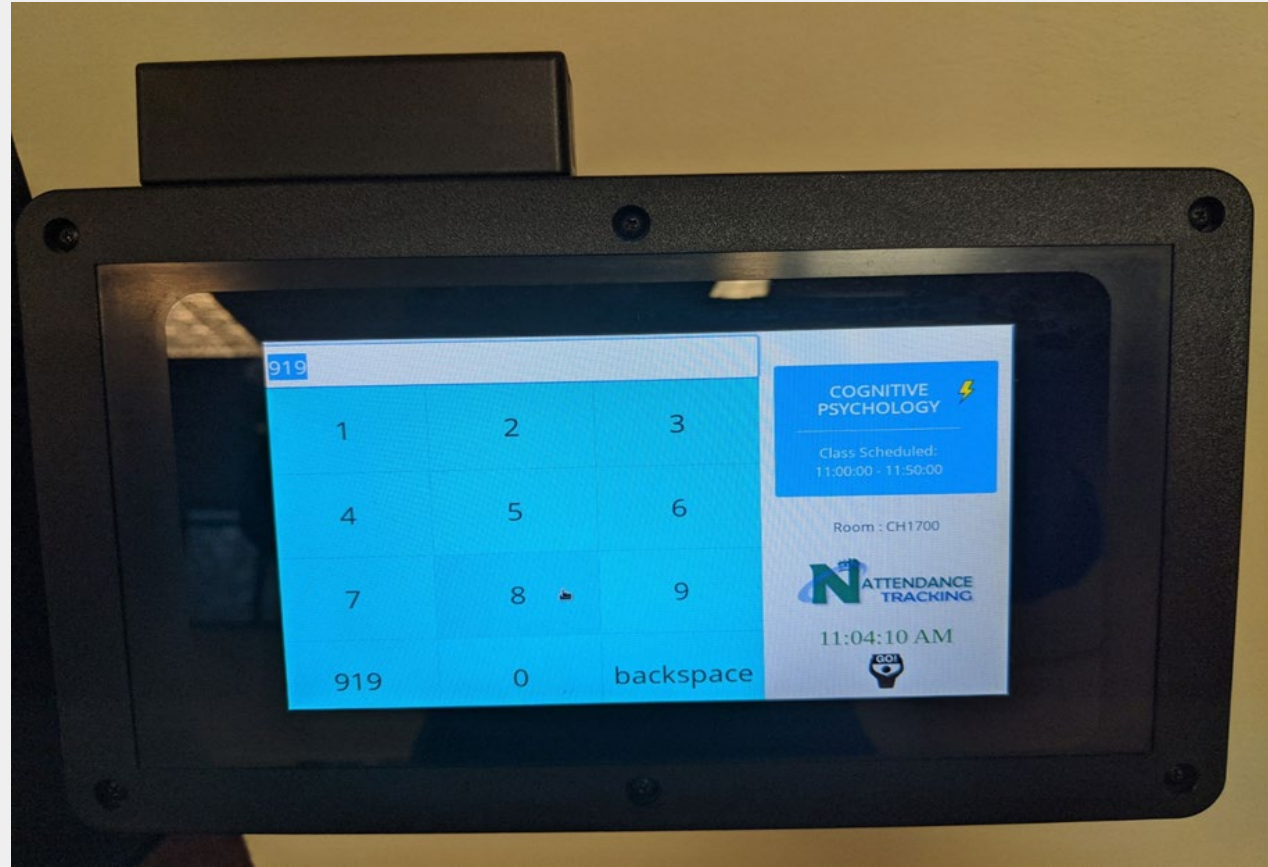
## TECH OVERVIEW

1.  Separated front-end, back-end and kiosk page. Easy to maintain and upgrade.

2.  Current popular technology Vue.js + Node.js + MySQL.

3.  Higher security level. The whole app is designed as the web application aligned with strict C-S structure.

4.  Optimized business logics to make the workflow more efficient and more reliable. E.g. No more enrollment reports from IR. The system updates the enrollments @6am every day.

1. Allow the teachers to enable/disable the ATS on the course level

2. Allow the teachers to enable/disable Update Gradebook

3. Allow the teachers to set the Mailing Service to send the attendance reminder to the students

4. Allow the teachers to backup the course attendance to Excel by course or the batch mode

5. Allow the teachers to open the kiosk interface on their own devices to take attendance

6. Allow the students to post the attendance on their own devices using the access code generated by the teacher

7. Seating chart functionality and Group filter

8. New designed kiosk interface

60 kiosks on site:

- Manage(Settings) Module https://use.vg/U89Rwd

- Home Module https://use.vg/J2Ycm0

- Take Attendance Module https://use.vg/acxXEJ

- Kiosks Module https://use.vg/08WFQL

≡  00ATS_03 › ATS LIVE Test Course3

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How to use Attendance Tracking System

Enable/Disable ATS for the particular course

View an individual student's attendance

Edit a student's attendance record

Highlight names of students that are absent more than the absence limit

Set the number of minutes a student must swipe into class before they are late

Take manual attendance

Delete a particular Attendance

View different attendance dates set on a particular course page

Gradebook update

Download reports of attendance

Add assistant or instructor to a course

Send emails to students who exceed the absence limit

Seating chart

Select group while taking attendance
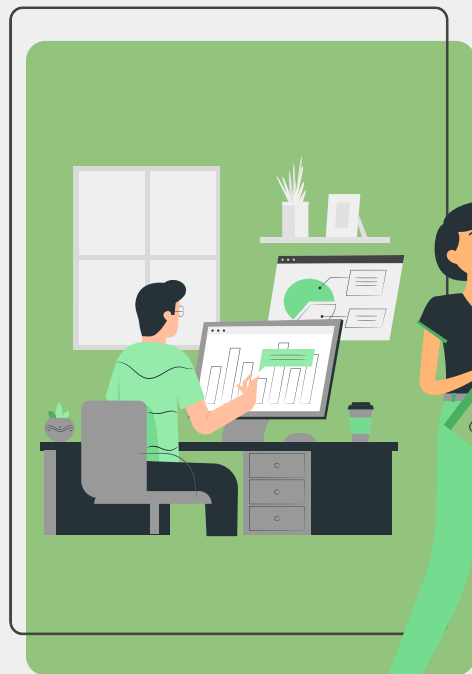
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02
TAKE ATTENDANCE

03 MANAGE

04 KIOSK
ATTENDANCE

# OI. HOME

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## 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT

12/3 to 10/12 ▾

| Name | 919# | 12/3 | 11/30 | 11/25 | 11/23 | 10/12 | Present | Absent | Total Classes |
|------|------|------|-------|-------|-------|-------|---------|--------|---------------|
| Ali Al Ali | 919475590 | P | A | A | A | P | 7 | 4 | 11 |
| Abilash Bollam | 919578748 | P | P | P | P | P | 11 | 0 | 11 |
| Gurinder Brar | 919518277 | P | P | P | P | P | 9 | 2 | 11 |
| Snehitha Reddy Chada | 919584896 | P | P | P | P | P | 10 | 1 | 11 |
| Sharon Snigdha Chalanti | 919585225 | P | P | P | P | P | 9 | 2 | 11 |
| Monalisa Chatterjee | 919585254 | P | P | P | P | P | 9 | 2 | 11 |
| Veera Reddy Chintagunta | 919583715 | P | P | P | P | P | 10 | 1 | 11 |
| Nikitha Dande | 919585894 | P | P | P | P | P | 11 | 0 | 11 |
| Hari Priya Errabelli | 919585552 | P | P | P | P | P | 10 | 1 | 11 |
| Parvinder Hora | 919577610 | P | P | P | P | P | 10 | 1 | 11 |
| Gireesh Koneni | 919584019 | P | P | P | P | P | 11 | 0 | 11 |
| Sai Kiran Kuppala | 919579036 | P | P | P | P | P | 10 | 1 | 11 |
| Aparna Pallavaraja | 919585203 | P | P | P | P | P | 10 | 1 | 11 |
| Bhavya Peddi | 919584255 | P | P | P | P | P | 9 | 2 | 11 |
| Nikhila Tunga | 919586005 | P | A | P | P | P | 10 | 1 | 11 |
| Sai Charan Vadepu | 919583097 | P | P | P | P | P | 9 | 2 | 11 |
| Sai Shri Yerramsetti | 919584858 | P | A | P | P | P | 10 | 1 | 11 |

⬇ Download Template    ✔ Take Manual Attendance    ⬇ Export Attendance    💾 Update Gradebook

Generate Code    Generated Coc    🗑 Delete Date

MM/dd/yyyy

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.instructure.com/courses/5607/discussion_topics

44652-01/02 > CYBERSECURITY & INFO SEC MGMT 01FA20

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NW Success 360

**Name:** Ali Al Ali
**Email:** s521053@nwmissouri.edu

**Total Classes till date:** 11
Present: 7 | Absent: 4 | Late: 0 | Excused: 0

| Date | Status |
|------|--------|
| 12-3-2020 | Present <br> [Present ▾]  ❌  💾 |
| 11-30-2020 | Absent |
| 11-25-2020 | Absent |
| 11-23-2020 | Absent |
| 10-12-2020 | Present |
| 10-9-2020 | Present |
| 10-7-2020 | Absent |
| 10-5-2020 | Present |
| 10-2-2020 | Present |
| 9-30-2020 | Present |
| 9-28-2020 | Present |

[ Enter Code to post attend ]   [ Enter Kiosk page ]   [ ⬇ Download attendance Report ]

# 02. TAKE ATTENDANCE

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**ATTENDANCE TRACKING**

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## Take Attendance

**Select Course**

44632 - 02 - 202120 - 21875 BI AND ANALYTICS

**Select Date**

05/19/2021

**Select Group Category**

Select Group

## ATS Import Selection

Choose File | No file chosen        Submit file

## ATS Manual Selection                    Go to Seating chart

☐ **Select all**

☐ Ali Al Ali                          ☐ Likhith Kumar Munugoti

☐ Abdul Wahed Ansari                  ☐ Bala Siva Koushik Nuthakki

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← BACK TO ATTENDANCE PAGE | 👤 TAKE ATTENDANCE | ✖ EDIT SEATING CHART

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**Online Tutoring**

Unselect All | Post Attendance | Download PDF

| 0 Ali Ali | 2 Abdul Ansari | 4 Rijan Basnet | 6 Meghana Bokka | 8 Manogna Bonigala | 10 | 11 | 12 | 13 | 14 |
| 1 Vasu Dilwal | 1 Sushma Chanati | 3 Poojitha Chapala | 5 Vincent Dong | 7 Padmaja Eneshetty | 9 Sai Gundala | 11 | 12 | 13 | 14 |
| 0 Mounika Kancharla | 2 Rahul Kolla | 4 Gowtham Komatineni | 6 Usha Korukonda | 8 Jing Li | 10 | 11 | 12 | 13 | 14 |
| 0 Deepika Mishra | 1 Likhith Munugoti | 3 Bala Nuthakki | 4 | 6 Sailaja Peruka | 7 Chaitanya Prathipati | 9 | 11 | 12 | 13 | 14 |
| 0 Sunny Shahi | 2 Akarsh Sodagudi | 4 Nithin Somara | 5 Mahanth Talluri | 7 Bihani Tamang | 9 | 10 | 12 | 13 | 14 |
| 0 Aakash Tamang | 2 Sheevam Thapa | 3 Nikhil Tipparthi | 4 Chandana Vemulapalli | 6 | 7 | 9 | 11 | 12 | 13 | 14 |
| 0 Soumya Waddankeri | 1 Gayathri Yarramaneni | 3 | 4 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

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ATTENDANCE TRACKING

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12/4 to 11/23

| Name | 919# | 12/4 | 12/3 | 11/30 | 11/25 | 11/23 | Present | Absent | Total Classes |
|------|------|------|------|-------|-------|-------|---------|--------|---------------|
| Ali Al Ali | 919475590 | P | P | A | A | A | 8 | 4 | 12 |
| Abilash Bollam | 919578748 | A | P | P | P | P | 11 | 1 | 12 |
| Gurinder Brar | 919518277 | P | P | P | P | P | 10 | 2 | 12 |
| Snehitha Reddy Chada | 919584896 | A | P | P | P | P | 10 | 2 | 12 |
| Sharon Snigdha Chalanti | 919585225 | A | P | P | P | P | 9 | 3 | 12 |
| Monalisa Chatterjee | 919585254 | A | P | P | P | P | 9 | 3 | 12 |
| Veera Reddy Chintagunta | 919583715 | A | P | P | P | P | 10 | 2 | 12 |
| Nikitha Dande | 919585894 | A | P | P | P | P | 11 | 1 | 12 |
| Hari Priya Errabelli | 919585552 | A | P | P | P | P | 10 | 2 | 12 |
| Parvinder Hora | 919577610 | A | P | P | P | P | 10 | 2 | 12 |
| Gireesh Koneni | 919584019 | A | P | P | P | P | 11 | 1 | 12 |
| Sai Kiran Kuppala | 919579036 | A | P | P | P | P | 10 | 2 | 12 |
| Aparna Pallavaraja | 919585203 | A | P | P | P | P | 10 | 2 | 12 |
| Bhavya Peddi | 919584255 | A | P | P | P | P | 9 | 3 | 12 |
| Nikhila Tunga | 919586005 | A | P | A | P | P | 10 | 2 | 12 |
| Sai Charan Vadepu | 919583097 | A | P | P | P | P | 9 | 3 | 12 |
| Sai Shri Yerramsetti | 919584858 | A | P | A | P | P | 10 | 2 | 12 |

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# 03.
# MANAGE &
# SETTINGS

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## Add Assistant

Select Course

| 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT ▾ |
|---|

Student Northwest ID *                           Role *

| s537161 |    | TA ▾ |

[ Cancel ]   [ Add Assistant ]

## Assistants List

| Course | Teaching Assistant | Action |
|---|---|---|
| 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT | Anil Bomma | 🗑 Remove assistant |

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Instructor is added as successfully!

## Add Instructor

Select Course *

44617 - 01 - 202110 - 11593 INFO SYS ANAL & DESIGN

Instructor ID(919#) *

919066684

[Add Instructor]   [Cancel]

## Professors List

| Course | Assistant Instructor | Action |
|---|---|---|
| 44617 - 01 - 202110 - 11593 INFO SYS ANAL & DESIGN | Mike Grudzinski | 🗑 Remove instructor |
| 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT | Gary Zhao | 🗑 Remove instructor |
| 44652 - 01 - 202110 - 11970 CYBERSECURITY & INFO SEC MGMT | | |
| 44652 - 02 - 202110 - 11971 CYBERSECURITY & INFO SEC MGMT | | |

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## Manage Threshold Settings

Select Course *

| 44693 - 0 1 - 202110 - 11605 IS CAPSTONE PROJECT | ▼ |

| Course | Threshold for Days Absent | Threshold for Minutes Late |
|---|---|---|
| 44693 - 0 1 - 202110 - 11605 IS CAPSTONE PROJECT | 3 | 5 |

**Save Threshold Settings**

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## Manage Gradebook Settings

☐ **Enable all**

| Course | Gradebook Enable |
|---|---|
| 44617 - 01 - 202110 - 11593 INFO SYS ANAL & DESIGN | ☐ |
| 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT | ☑ |
| 44652 - 01 - 202110 - 11970 CYBERSECURITY & INFO SEC MGMT | ☐ |
| 44652 - 02 - 202110 - 11971 CYBERSECURITY & INFO SEC MGMT | ☐ |

**Save Gradebook Settings**

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## Manage Mailing Services

Select number of absences to send mail to the student:

| Course | Mailing Services |
|---|---|
| 44617 - 01 - 202110 - 11593 INFO SYS ANAL & DESIGN | Number of absences ☐ 2   ☐ 3   ☐ 5 |
| 44693 - 01 - 202110 - 11605 IS CAPSTONE PROJECT | Number of absences ☐ 2   ☐ 3   ☑ 5 |
| 44652 - 01 - 202110 - 11970 CYBERSECURITY & INFO SEC MGMT | Number of absences ☐ 2   ☐ 3   ☐ 5 |
| 44652 - 02 - 202110 - 11971 CYBERSECURITY & INFO SEC MGMT | Number of absences ☐ 2   ☐ 3   ☐ 5 |

**Save Mailing Services Settings**

**Learning and Teaching Center**

Mon 12/7/2020 3:20 PM

**To:** Waddankeri,Soumya Chidambar Rao

Soumya Chidambar Rao Waddankeri,

You have been absent for 5 days for CYBERSECURITY & INFO SEC MGMT course work.

Thanks and Regards,
Learning and Teaching Center

Reply | Forward

**MANAGE**

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## Select Courses

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☑ **44652 -01 - 202110 - 11970** (CYBERSECURITY & INFO SEC MGMT)　☑ **44652 -02 - 202110 - 11971** (CYBERSECURITY & INFO SEC MGMT)

⬇ Click here to download selected attendance Report　⬇ Click here to download all attendance Reports

# 04. KIOSK ATTENDANCE

# THANKS

Attendance Tracking System