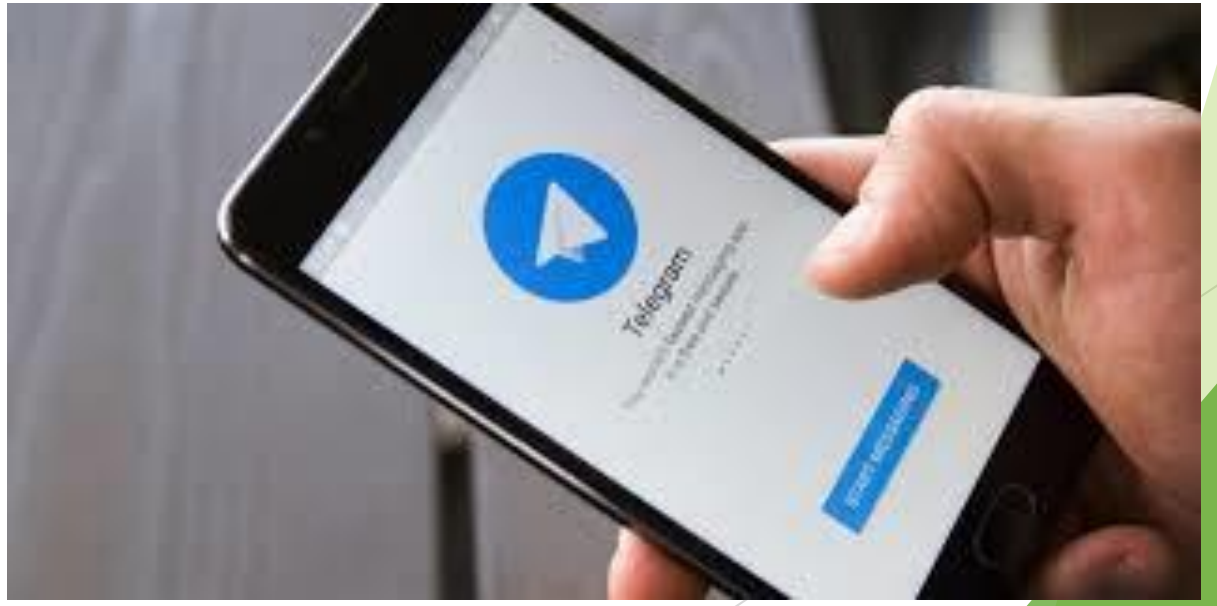
# Monitoring Kehadiran Siswa Berbasis Finger Print dan Telegram

## SMKN 1 BOJONEGORO



# Permasalahan

- Tingginya anak tidak masuk di sekolah perlu mendapatkan perhatian dari orang tua dan guru.
- orang tua dan guru kesulitan mendapatkan rekap data kehadiran siswa secara real time



# Monitoring kehadiran siswa

- Monitoring kehadiran siswa adalah sistem informasi kehadiran siswa secara real time yang menyajikan informasi waktu siswa datang dan  waktu siswa pulang




Guru

Orang Tua

# Perangkat aplikasi monitoring kehadiran

- Finger print, berfungsi untuk mencatat waktu siswa datang dan siswa pulang
- Database server, berfungsi untuk mengambil data finger print dari seluruh perangkat finger print, menyimpan dalam database dan merekapnya sesuai kebutuhan user






- Web server, berfungsi melayani permintaan informasi kehadiran dalam bentuk tampilan web yang bisa diakses melalui web browser pada pc atau smart phone
- Telegram Bot, berfungsi mengirimkan notifikasi kehadiran siswa kepada orang tua.
- Printer, untuk mencetak rekap kehadiran siswa secara harian, bulanan dan semesteran.







# Tampilan depan



# Rekap Kehadiran

Tanggal 25 ▼ 10 ▼ 2019 ▼ Kelas : Semua ▼ Halaman : 1 ▼

| No. | NIS | Nama | Kelas | Datang | Pulang | Terlambat |
|---|---|---|---|---|---|---|
| 1 | 13354 | CINDY NUR HAYATI | X-AKL-1 | 06:17:04 | 15:10:27 | 00:00:00 |
| 2 | 13369 | FEFFI ANANDA APRILI | X-AKL-1 | 06:21:44 | 15:09:16 | 00:00:00 |
| 3 | 13352 | AYUNI MUSYAROFAH | X-AKL-1 | 06:10:41 | 15:10:47 | 00:00:00 |
| 4 | 13367 | ESTIANA | X-AKL-1 | 06:05:39 | 15:10:21 | 00:00:00 |
| 5 | 13350 | ARI SAFITRI | X-AKL-1 | 06:01:35 | 06:01:35 | 00:00:00 |
| 6 | 13365 | ERIKA PUTRI SATYAWA | X-AKL-1 | 06:48:34 | 00:00:00 | 00:00:00 |
| 7 | 13348 | ANANDA CAHYA REGITA | X-AKL-1 | 06:03:05 | 15:09:48 | 00:00:00 |
| 8 | 13363 | EKA PUTRI NURIZZA | X-AKL-1 | 03:03:03 | 15:09:48 | 03:03:03 |
| 9 | 13346 | AMELIA DWI AYU MARS | X-AKL-1 | 06:05:16 | 15:10:30 | 00:00:00 |
| 10 | 13361 | DWI SANTIKA | X-AKL-1 | 06:42:56 | 00:00:00 | 00:00:00 |
| 11 | 13344 | ALYYUDIN SURYA SATY | X-AKL-1 | 05:58:22 | 14:52:05 | 00:00:00 |
| 12 | 13359 | DILA VALENTINA | X-AKL-1 | 06:30:31 | 00:00:00 | 00:00:00 |
| 13 | 13342 | ALINA DWI OKTAVIA | X-AKL-1 | 06:27:07 | 00:00:00 | 00:00:00 |
| 14 | 13357 | DEVITRIA RIANDINI | X-AKL-1 | 06:46:44 | 00:00:00 | 00:00:00 |
| 15 | 13340 | ADISIA FITRIANINDA | X-AKL-1 | 06:55:29 | 15:10:56 | 00:00:00 |
| 16 | 13372 | FITRIA DWI RAHMAWAT | X-AKL-1 | 06:05:32 | 15:10:16 | 00:00:00 |
| 17 | 13355 | CLARIZA DWI ANJARWA | X-AKL-1 | 06:05:19 | 15:09:44 | 00:00:00 |
| 18 | 13338 | ABIB MAULANA AAN NA | X-AKL-1 | 00:00:00 | 00:00:00 | 00:00:00 |
| 19 | 13370 | FIDIA NANDA PRAMAYS | X-AKL-1 | 06:48:43 | 00:00:00 | 00:00:00 |
| 20 | 13353 | AZILA AYU FEBRIYANT | X-AKL-1 | 06:20:23 | 15:09:50 | 00:00:00 |
| 21 | 13368 | EVIE EKA NURAINI | X-AKL-1 | 05:57:27 | 15:10:00 | 00:00:00 |
| 22 | 13351 | AYU STIAWATI | X-AKL-1 | 05:55:59 | 00:00:00 | 00:00:00 |
| 23 | 13366 | ERSA FIRDHA YUNIARD | X-AKL-1 | 06:15:55 | 00:00:00 | 00:00:00 |
| 24 | 13349 | ANDIN AULIA NARISTA | X-AKL-1 | 06:32:18 | 00:00:00 | 00:00:00 |
| 25 | 13364 | EKA WIWIK SUGIARTI | X-AKL-1 | 06:32:20 | 00:00:00 | 00:00:00 |
| 26 | 13347 | AMELIA MUTIA | X-AKL-1 | 06:07:46 | 00:00:00 | 00:00:00 |
| 27 | 13362 | EKA ADE CAHYANI | X-AKL-1 | 06:17:01 | 15:10:43 | 00:00:00 |
| 28 | 13345 | AMBARWATI NUR ALFI | X-AKL-1 | 06:27:02 | 00:00:00 | 00:00:00 |
| 29 | 13360 | DWI DESI SEKAR SARI | X-AKL-1 | 03:03:03 | 00:00:00 | 03:03:03 |
| 30 | 13343 | ALYA NUR PUJAYANTI | X-AKL-1 | 05:55:23 | 15:09:41 | 00:00:00 |
| 31 | 13358 | DIAN AYU LESTARI | X-AKL-1 | 06:22:20 | 00:00:00 | 00:00:00 |

# Rekap Kehadiran Bulanan

**REKAP ABSENSI TIAP BULAN**

Bulan 9 ▼ 2019 ▼ Kelas : Semua ▼ Halaman : 1 ▼

| No. | Nama | Kelas | Tanggal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Jml | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | M | S | I | A |
| 1 | ANANDA CAHYA REGITA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 2 | EKA WIWIK SUGIARTI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 3 | ADELIA AYU PRAMESWA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 4 | CLARIZA DWI ANJARWA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | I | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 20 | 0 | 1 | 0 |
| 5 | FINALIA SURYA ARMAD | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 6 | AMELIA DWI AYU MARS | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 7 | EKA ADE CAHYANI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 8 | AZILA AYU FEBRIYANT | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 9 | FEFFI ANANDA APRILI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 10 | ALYYUDIN SURYA SATY | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | I | A | . | . | . | L | L | . | . | . | . | . | L | L | . | 19 | 0 | 1 | 1 |
| 11 | DWI DESI SEKAR SARI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 12 | AYU STIAWATI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 13 | ESTIANA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 14 | ALINA DWI OKTAVIA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 15 | DIAN AYU LESTARI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 16 | ANDIN AULIA NARISTA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 17 | ERIKA PUTRI SATYAWA | X-AKL-1 | L | A | . | . | . | . | L | L | . | A | . | . | . | L | L | . | . | . | . | . | L | L | . | A | . | . | . | L | L | . | 18 | 0 | 0 | 3 |
| 18 | ADISIA FITRIANINDA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 19 | CRISTIN DWI MUSTIKA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 20 | FITRIA DWI RAHMAWAT | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 21 | AMELIA MUTIA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 22 | EKA PUTRI NURIZZA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 23 | ABIB MAULANA AAN NA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | A | . | . | L | L | . | A | . | . | . | L | L | . | 19 | 0 | 0 | 2 |
| 24 | CINDY NUR HAYATI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 25 | FIDIA NANDA PRAMAYS | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 26 | AMBARWATI NUR ALFI | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 27 | DWI SANTIKA | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |
| 28 | AYUNI MUSYAROFAH | X-AKL-1 | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | . | . | . | . | L | L | . | 21 | 0 | 0 | 0 |