

---

---

# Secondary Research

Error Reporting System

---

---

Haoran Zhang

---

---

# What is OSHA?

With the Occupational Safety and Health Act of 1970, Congress created the Occupational Safety and Health Administration (OSHA). This ACT was made with the point of guaranteeing organizations give secure and sound working conditions for working individuals. The act was able to attain this by setting and implementing guidelines and through the arrangement of instruction, outreach, preparing and help.

<https://www.osha.gov/aboutosha>

# What is incident?

Incident includes near miss, fatality, injury, illness, or close call.

<https://etraintoday.com/blog/near-miss-vs-an-accident/>

# What is “near miss”?

According to OSHA, a near miss is an incident where no personal injury was sustained and no property was damaged but injury and damage would have occurred very easily if the same situation was given a slight move in position or time.

<https://www.safetyandhealthmagazine.com/articles/6843--articles-6843-every-body-gets-to-go-home-in-one-piece>

# What is work-related injuries?

Work-related injuries are defined as illnesses, conditions or injuries one suffers in the scope and course of their employment. These injuries can be broken down to three primary categories. The categories include; occupational illnesses, physical injuries and repetitive stress injuries.

<https://www.smflegal.com/2019/01/31/what-is-a-work-related-injury-exactly>

# Who can create a report?

The OSHA jurisdiction states that all employees have the right to report any incidents to OSHA. This includes even employers who are excused from routinely maintaining OSHA records because of industry or company size.

<https://www.osha.gov/report.html>

But the system only allows one login per account.

<https://www.osha.gov/injuryreporting/#collapse6>

# How to report an incidents?

Call the nearest OSHA office.

Call the OSHA 24-hour hotline at 1-800-321-6742 (OSHA).

Report online at: <https://www.osha.gov/report.html>

Prepare before the call: Business name; names of employees affected; location and time of the incident, brief description of the incident; contact person and phone number.

# Injury & Illness Recordkeeping Forms

Three types of Injury & Illness Recordkeeping Forms

OSHA Form 300

OSHA Form 300A

OSHA Form 301

<https://www.osha.gov/recordkeeping/RKforms.html>



# What is the most common injuries types?

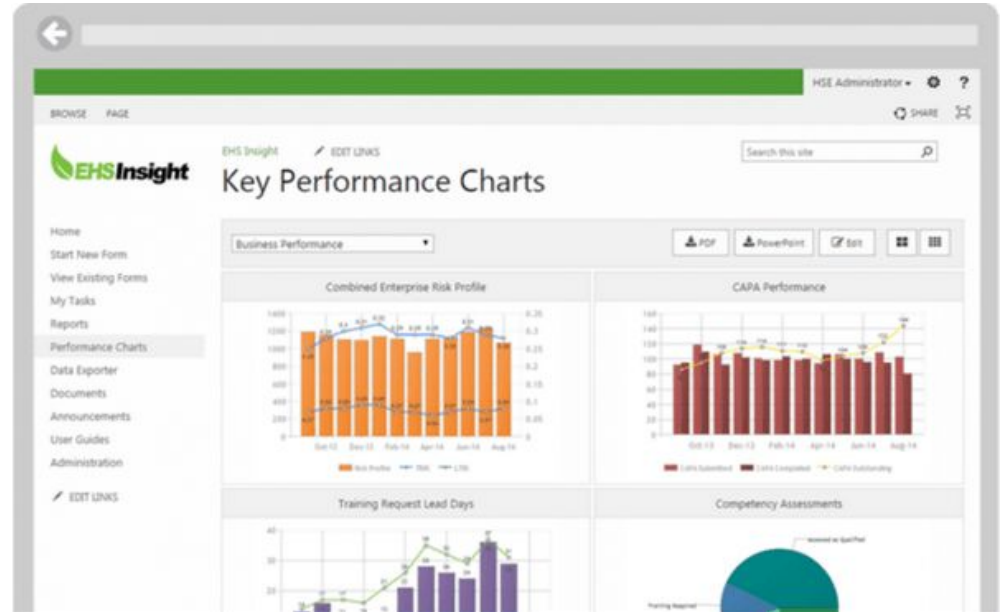
1. Slips, trips and falls
2. Muscle strains
3. Being hit by falling objects
4. Repetitive strain injury
5. Crashes and collisions
6. Cuts and lacerations
7. Inhaling toxic fumes
8. Exposure to loud noise
9. Walking into objects
10. Fights at work

<https://www.bytestart.co.uk/10-most-common-workplace-accidents-injuries.html>

# Design precedents

## [ehs insight safety software](#)

This software helps to record, track and create OSHA ready reports for the organizations work-related illnesses and injuries. It completes then prints or electronically submits one's OSHA 300,300A and 301 incident reporting forms to OSHA. This significantly helps to make a difference to diminish the time required to create these important reports.



# Design precedents

## Cority

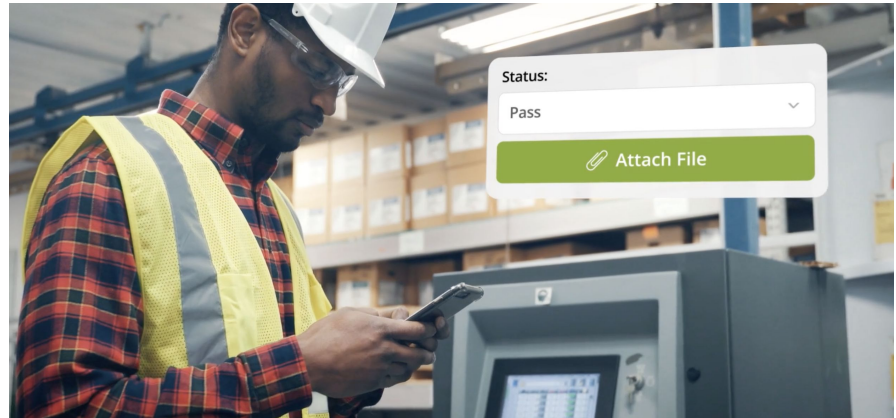
This software empowers one to gather comprehensive information of incidents creating an accurate description of a particular event and permitting the business to effectively recognize the most causes of incidents and potential learning points.



# Design precedents

## Industrysafe

This software allows EHS professionals to record, track and analyze different incidents of safety. The EHS is able to precisely track near misses, vehicle incidents and also contractor and employee injuries. Also, one can make the complete workplace incident forms on the move by using the industrysafe mobile app. TThis app can work without any web association. The incident is uploaded when a connection is established.

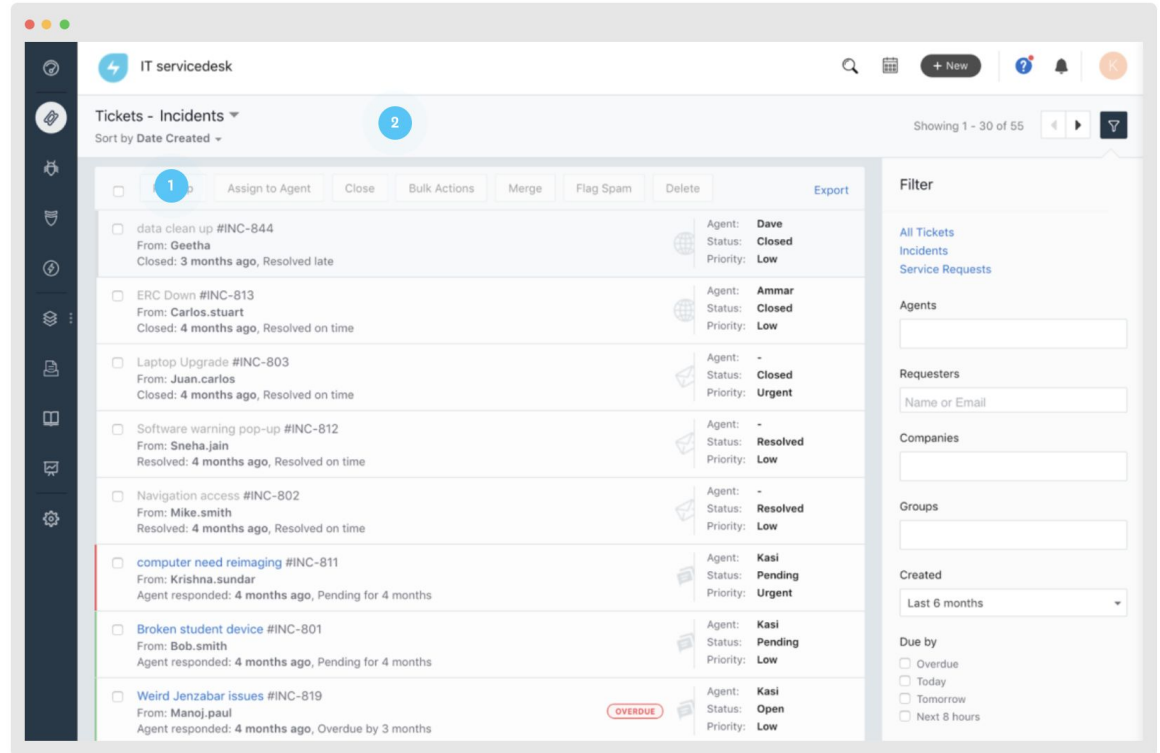


# Design precedents

## Freshservice

Use Freshservice to report office incident.

It is also a management tool.



# reference

<https://www.osha.gov/aboutosha>

<https://etraintoday.com/blog/near-miss-vs-an-accident/>

<https://www.safetyandhealthmagazine.com/articles/6843--articles-6843-everybody-gets-to-go-home-in-one-piece>

<https://www.smflegal.com/2019/01/31/what-is-a-work-related-injury-exactly/>

<https://www.osha.gov/report.html>

<https://www.osha.gov/injuryreporting/#collapse6>

<https://www.bytestart.co.uk/10-most-common-workplace-accidents-injuries.html>