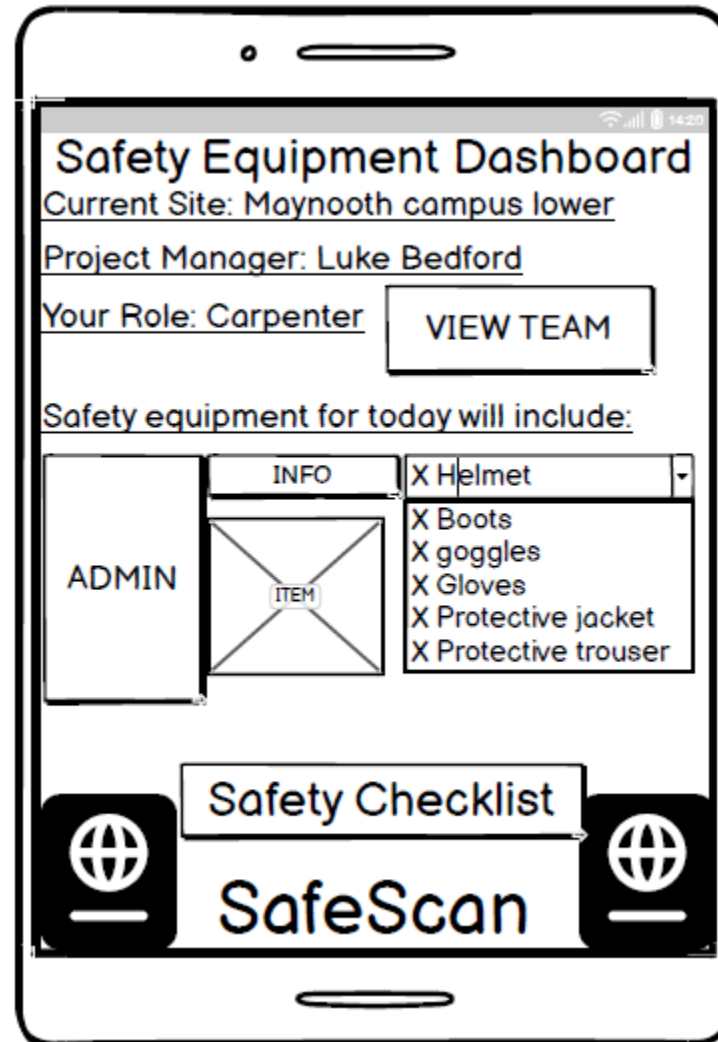# CS335 Group 36: SafeScan

Let negligence of safety equipment on building sites be a thing of the past.

David Lenihan-Butler and Sebastian Lee

Construction workers on building sites are subject to possible injury at all times due to so many moving parts on a building site, for instance a brick could fall on someone, someone could drop a tool off scaffolding onto someone, or someone could misplace a nail coming out of a nail gun.

A lot of the risk involved when these accidents occur can be mitigated with the correct safety equipment equipped however, you'd be surprised to know that in a lot of places, proper safety gear checks do not occur and due to this a negligence towards wearing the proper safety equipment creeps in over time.

Then when one of the aforementioned accidents happen to a worker that doesn't have the proper safety equipment equipped, not only is the worker involved in the accident going to possibly be in critical condition or worse, the construction company where this happened may be liable for a massive lawsuit/fine due to proper safety procedures not being followed.
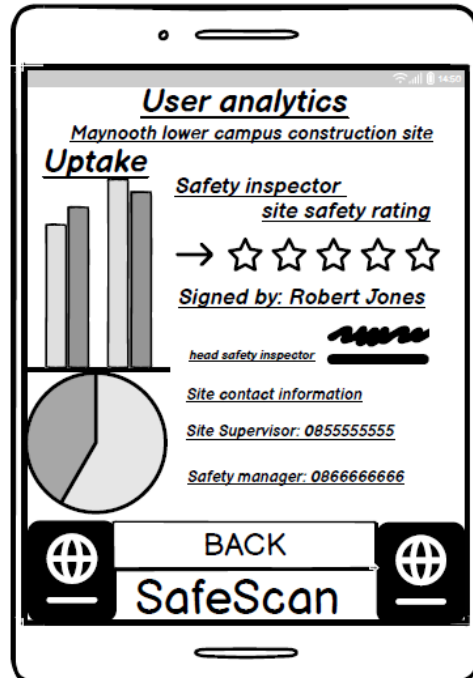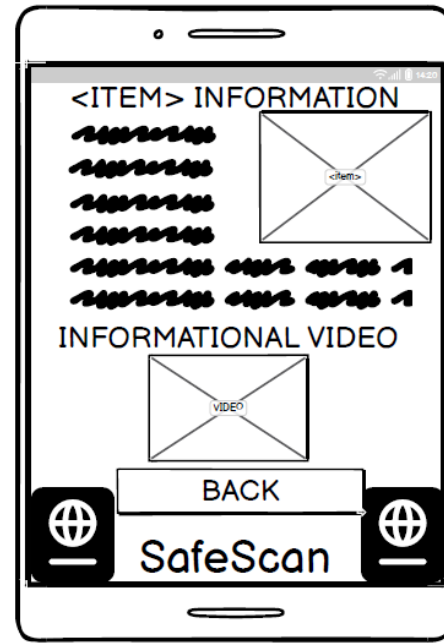
Problem

Solution

This is where SafeScan comes into play. With the SafeScan software in operation at the building site, a worker simply will not be able to enter the site if they do not have the proper safety equipment equipped, as they will need to have all their safety equipment equipped in order to gain access and there are no loopholes or sympathy cards as you are dealing with a strict system.

Whatever the accident, you want to know that everyone on the site is wearing full safety gear as to mitigate some of the risk of these accidents.

With SafeScan you can guarantee that every worker that steps through the entrance into the building site has their full safety equipment equipped and that's why this software is vital to the safety of all construction workers and should be sent out to every site as soon as possible.

Key Features

- Safety checklist
- Barcode scanning
- Improved clarity of job and team members
- Easy stats for owners
- Easily verifiable safety standard
- Ability to flag workers who don't show up with the correct equipment

Benefits

- Improved safety inspector scores
- Reduced risks of serious injuries caused by lack of safety equipment
- Lower insurance rates for construction companies

Conclusion

SafeScan is a building site safety software. It can eliminate safety equipment negligence. In doing this it greatly reduces the risk of serious/life threatening injuries on a site, while accidents cant be stopped, being properly prepared when they happen is vital. Due to this software guaranteeing safety equipment usage in the site is 100% it can also bring down the insurance rates as they can guarantee the insurance company of perfect practice. So, SafeScan your equipment and be ready!