Abstract
Telefix Technologies has partnered with UTD to design and create their product, Wallace. Wallace is designed to assist in enforcing necessary existing industry compliances with particular technologies. In combination with 3rd party streaming services, our team has created both a web portal and a mobile application to help facilitate the process a typical employee would undertake. The actions carried out by employees will be monitored by experts via a live video feed, and any necessary checks needed to be done will be recorded, so that they can be delivered at a later time. This product is bridging the existing gap between industry compliance and company liability. With Wallace, any errors or miss-steps can be caught and located, both quickly and effectively.

Results
Wallace fills a void in a space where regulatory compliance is strife with issues. This product is bridging the existing gap between industry compliance and company liability. With Wallace, any errors or miss-steps can be caught and located, both quickly and effectively. Furthermore, this process serves as a means to eliminate billions of dollars that are lost every year due to malpractice in the workplace. The overall application of the technology isn’t constrained to one particular field, although it lends itself to favor some particular industries, Wallace can be used in various ways. Outside of the aforementioned electrical, construction and other blue-collar work processes, the project can be applicable to other fields looking to monitor compliance.

Architecture
- Android Studio
- Java
- TestDPC
- Android Lollipop
- XML

Impact
If we outline the overall contribution we can see that several entities are impacted by the project.

Originally the scope of the project was set solely to the sponsoring company, but when realization began, we realized the breadth of the project was much larger than initially anticipated. Telefix Technologies was looking for a proof of concept to help bring their idea into the physical realm. Wallace can be and is now demonstrable to outside companies looking to help mitigate any regulatory compliance issues.

Telefix Technologies was catering to what seemed like a completely untapped market. Rather than just hover over its employees, Telefix Technologies was supplying a tool to outside companies to ensure that when a job was done, it minimized the risk of time loss due to unseen errors or lack of regulatory compliance.