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UNIVERSITI
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COMPANY ANALYSIS

Guardhat Inc.

TECHNOLOGY ENTREPRENEURSHIP (ENT600): CASE STUDY

FACULTY : FACULTY OF ARCHITECTURE PLANNING AND SURVEYING
PROGRAMME : BACHELOR OF SURVEYING SCIENCE AND GEOMATICS (HONS)
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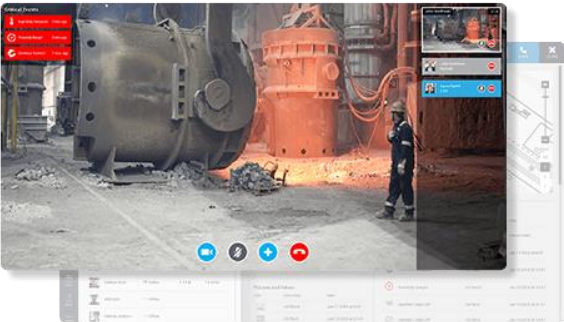
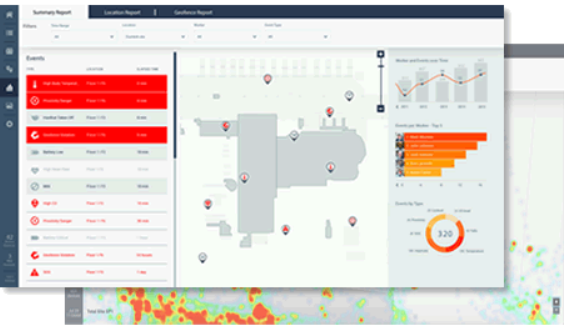
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EXECUTIVE SUMMARY

Guardhat is a company that based in Detroit which focusing on the smart hardhat. In this company analysis, it focuses on the smart hardhat made by Guardhat to be look at, define, and analyse along with their product problems and with possible solutions. The first problem regarding their product is a lack of necessary accessories on their smart hardhat. For that, it is to ensure the worker's safety is in guaranteed. For the next problem is their product cost is too expensive because of the technology they used in their product. So, there a few solutions to that problems which can be overcome by produce the product with addition of essential accessories and also lower their product price by cut the manufacturing cost which can be made in much more efficient and in minimalistic instead focusing on heavy tech they used. The solutions are considered to help Guardhat in producing top quality hardhat and their other products to their customers so that they can sustain their business growth, innovations and accomplishments in the future.

2.2. Products/ Services

Table 2.1: Product / Service Provided by Guardhat

Type of product / service	Classification of product / service	Description
<p>Kyra IIoT Platform</p> 	<p>Kyra is Guardhat's general-purpose Industrial Internet of Things (IIoT) platform.</p>	<p>Kyra provides the core IoT and connected devices' functions:</p> <ul style="list-style-type: none"> • Device connectivity and management • Bi-directional data telemetry and control to and from the connected devices • Data-processing and event/condition detection
<p>SCC: Safety Control Center</p> 	<p>Guardhat's Safety Control Center (SCC) is Guardhat's primary portal application for real-time monitoring.</p>	<ul style="list-style-type: none"> • Primary portal application for real-time monitoring • Visualizations (including live-view maps) • System interactions and response management
<p>Guardhat Analytics</p> 	<p>Guardhat's Kyra and SCC software comes with an embedded analytics engine, that is comprehensive and capable of both real-time and batch analytics.</p>	<ul style="list-style-type: none"> • Provides a set of pre-built dashboards and configurable reports out of the box for Safety Compliance KPIs and Benchmarking • Incident and safety analytics • Geospatial/map-based visualization of localized information