













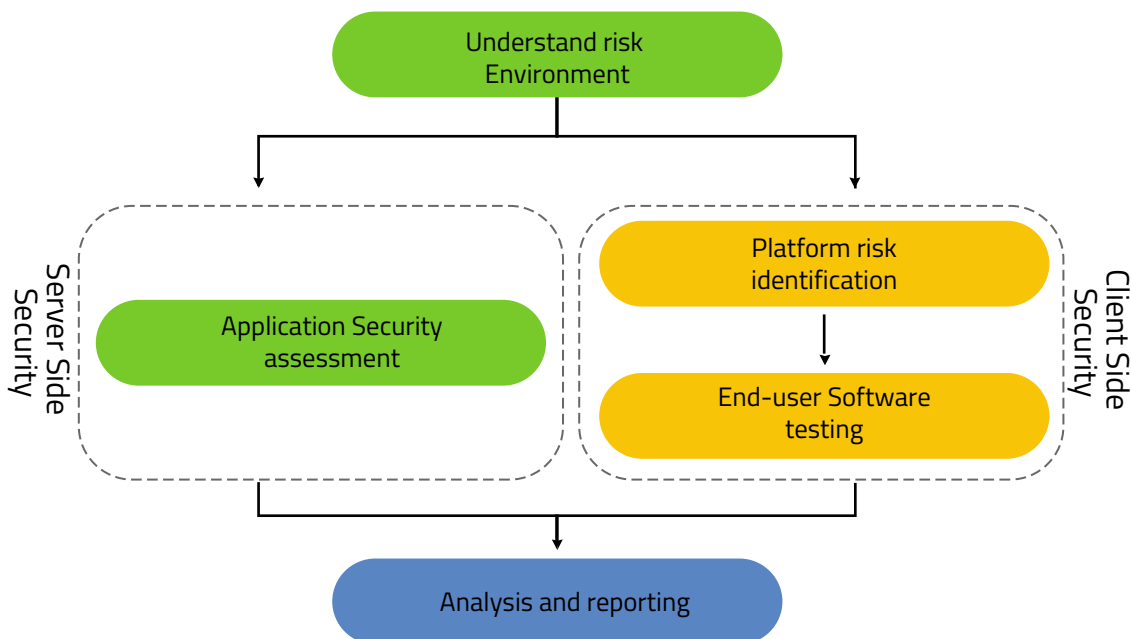


## Vulnerability analysis for an Outcome Based Online Education Provider

 <p><b>BUSINESS REQUIREMENTS</b></p>	 <p>Identify the flaws in the security mechanism of the LMS</p>	 <p>Protect the confidentiality, integrity, authentication, availability, authorization and non-repudiation of the system</p>
 <p><b>OUR SOLUTIONS</b></p>	 <p>Performed initial vulnerability analysis and identified key issues relating to XSS, Cross origin</p>	 <p>Validate the user input on arrival and encode the HTML response to eliminate XSS</p>  <p>Review for sensitive content on domains allowed by CORS policy to eliminate cross origin resource sharing issue</p>
 <p><b>TOOLS/ TECHNOLOGIES</b></p>	 <p>BurpSuite</p>	 <p>SqlMap</p>  <p>Fiddler</p>
 <p><b>BUSINESS IMPACT</b></p>	 <p>All major security flaws were identified and fixed</p>	 <p>Additional security recommendations provided on user authentication without State mechanisms and session IDs to be SSL protected</p>



### About Us

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

To know more about our offerings. Please write to us at [business@happiestminds.com](mailto:business@happiestminds.com)