Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| NM ID | 76860632B2D43EFBE814FEC16F13E5E4 |
| Project Name | How To Add Google Analytics To A Website |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | **User authentication requirement** | To add Google Analytics to a website, you'll need a Google Analytics account and the tracking code provided by Google.. |
| FR-2 | **Mobile accessibility requirement** | Ensure your website's Google Analytics implementation is mobile-friendly and complies with accessibility guidelines, such as providing alternative text for tracking images and ensuring all tracking elements are keyboard navigable. |
| FR-3 | **Notification requirement** | To add Google Analytics to a website, you need to insert the tracking code provided by Google into the website's HTML code. |
| FR-4 | **Reporting requirements** | To add Google Analytics to a website, you typically need to insert the provided tracking code into your site's HTML. |
| FR-5 | **Data export requirement** | To export data from Google Analytics, use the platform's data export and reporting features, such as custom reports or Google Analytics APIs. |
| FR-6 | **Feedback requirements** | To add Google Analytics to a website, you need to insert the tracking code provided by Google into the HTML of your web pages. |

# Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Google Analytics enhances website usability by providing valuable data and insights on user behavior and site performance.. |
| NFR-2 | **Security** | Securing Google Analytics involves implementing proper access controls and monitoring to protect sensitive user data and prevent unauthorized access. |
| NFR-3 | **Reliability** | Google Analytics ensures website reliability by offering real-time tracking and accurate data, aiding in performance optimization and user experience improvement. |

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| NFR-4 | **Performance** | Google Analytics can impact website performance by identifying bottlenecks and helping optimize content and user experiences for faster loading times. |
| NFR-5 | **Availability** | Google Analytics availability ensures uninterrupted data collection and reporting, promoting a consistent view of website performance. |
| NFR-6 | **Scalability** | Scalability in Google Analytics allows websites to handle increased traffic and data volume while maintaining efficient tracking and reporting. |