**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 01 Nov 2023 |
| Team ID | NM2023TMID04457 |
| Project Name | Building a website using canva |

**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 | Website Design | Aesthetically pleasing design in line with the cafe's brand.  User-friendly layout and navigation.  Consistent colour schemes and fonts.  Mobile-responsive design for various devices. |
| FR-2 | Menu Information | A dedicated menu section with food and beverage listings.  Individual menu items should include names, descriptions, and prices.  Ability to categorize menu items (e.g., breakfast, lunch, beverages). |
| FR-3 | Event Information | An events page to display details of upcoming cafe events.  Event listings with titles, dates, times, descriptions, and any associated author or speaker details. |
| FR-4 | Online Reservation System | An online reservation system enabling users to book tables.  Options to select date, time, and specify the number of guests.  Confirmation of reservations with email notifications. |
| FR-5 | Content Management System | Integration of a content management system (CMS).  User-friendly CMS for the cafe's team to easily update and add content without technical expertise |
| FR-6 | **Basic SCO Intergration** | Implementation of on-page SEO practices to improve visibility in search engine results. |

**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 | The website must be user-friendly, with clear navigation and an intuitive interface design to ensure a positive user experience. |
| NFR-2 | Security | Implement security measures to protect user data, such as reservation details, and safeguard against common online threats. |
| NFR-3 | **Compatibility** | The website should be compatible with various web browsers and operating systems. |
| NFR-4 | Performance | The website must load quickly and provide a smooth user experience, even during high traffic periods. |
| NFR-5 | Accessibility | Make the website accessible to all users, including those with disabilities, by following accessibility standards. |
| NFR-6 | Scalability | Ensure that the website can scale as the cafe grows, accommodating a larger user base and more content. |
| NFR-7 | Mobile Optimization | Optimize the website for mobile devices to accommodate users accessing it via smartphones and tablets. |
| NFR-8 | Content Quality | Ensure that all website content, including text and images, is of high quality and aligns with the cafe's branding. |
| NFR-9 | Data Backup and Recovery | Implement regular data backups and establish a recovery plan to prevent data loss in case of unforeseen issues. |
| NFR-10 | Compliance | Ensure that the website complies with relevant laws and regulations, such as data protection and privacy laws. |
| NFR-11 | Performance monitoring | Implement tools and processes to monitor the website's performance, track user behavior, and make data-driven improvements. |