**Project Design Phase-II**

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

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| Date | 01 Nov 2023 |
| Team ID | NM2023TMID04500 |
| Project Name | Blogging: Create a Blog using Wordpress |

**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 Education | Users can access educational content, including articles and videos.  Content should be categorized by trading markets and skill levels.  Users can rate and provide feedback on the content. |
| FR-2 | Community Engagement | Users can participate in discussions on trading topics.  Discussions can be categorized with tags for easy navigation.  Users can create new discussion threads. |
| FR-3 | Branding Customization | Users can upload and set a custom avatar image for their profiles.  Images should adhere to specified size and format requirements. |
| FR-4 | User Interaction | Users can post comments on articles, videos, and discussion threads.  Users can reply to existing comments to facilitate discussions.  Moderation tools are available to manage and moderate user-generated content. |
| FR-5 | Content Management | Moderators can review and moderate user-generated content for compliance with community guidelines.  Content flagged by users should be reviewed and acted upon promptly. |

**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 should be user-friendly and intuitive, with a straightforward and clear interface. |
| NFR-2 | **Security** | User data and interactions should be secure and protected from unauthorized access or data breaches. |
| NFR-3 | **Reliability** | The website should be available and functional 24/7 with minimal downtime. |
| NFR-4 | **Performance** | The website should load and respond quickly to user interactions, ensuring a smooth and responsive user experience. |
| NFR-5 | **Availability** | This software can remain operational even in the event of software and hardware failure. |
| NFR-6 | **Scalability** | The website should be able to handle a growing user base and increasing data without performance degradation. |