# **Development Plan**

# **1: Planning and Requirement Analysis:**

* The website development process begins with a thorough analysis of project requirements and objectives.
* Define the target audience, goals, and functionality needed.
* This stage involves creating wireframes and mockups to visualize the website's structure and layout.
* If plugin development is required, specify plugin functionality and requirements.
* Deliverables: Document in Docx/Pdf format.
* Approval Required: Approval by M Fayyaz.

# **2. Design and User Experience (UX):**

* Design plays a critical role in user engagement.
* Develop a visually appealing and user-friendly interface.
* This includes selecting color schemes, fonts, images, and ensuring responsive design for various devices.
* Each screen design should be provided as separate PNG and PSD files.
* Approval Required: Approval by M Fayyaz.

# **3. Development and Coding (Including Plugin Development):**

* This phase involves writing the actual code for the website, including any custom plugins.
* Developers use programming languages such as HTML, CSS, JavaScript, and may use content management systems (CMS) like WordPress or custom development for plugins.
* Specify plugin development requirements and functionalities.

# **4. Testing and Quality Assurance:**

* Rigorous testing is essential to identify and rectify any bugs, errors, or usability issues.
* Develop test cases and test plans, including tests for the website and any custom plugins.
* This includes functional testing, compatibility testing (across browsers and devices), performance testing (speed and responsiveness), and security testing to ensure data protection.
* Client/stakeholder involvement in the testing phase might be required for user acceptance testing (UAT).

# **5. Deployment and Maintenance:**

* Once the website and plugins are thoroughly tested and approved, they are deployed to a web server and made accessible to users.
* Continuous maintenance is crucial to keep the website and plugins up-to-date, secure, and functioning optimally.
* Regularly update content, monitor performance, and address any emerging issues.
* Documentation regarding maintenance and updates should be provided in Docx or PDF format.

[Document Format.md](Document%20Format.md)