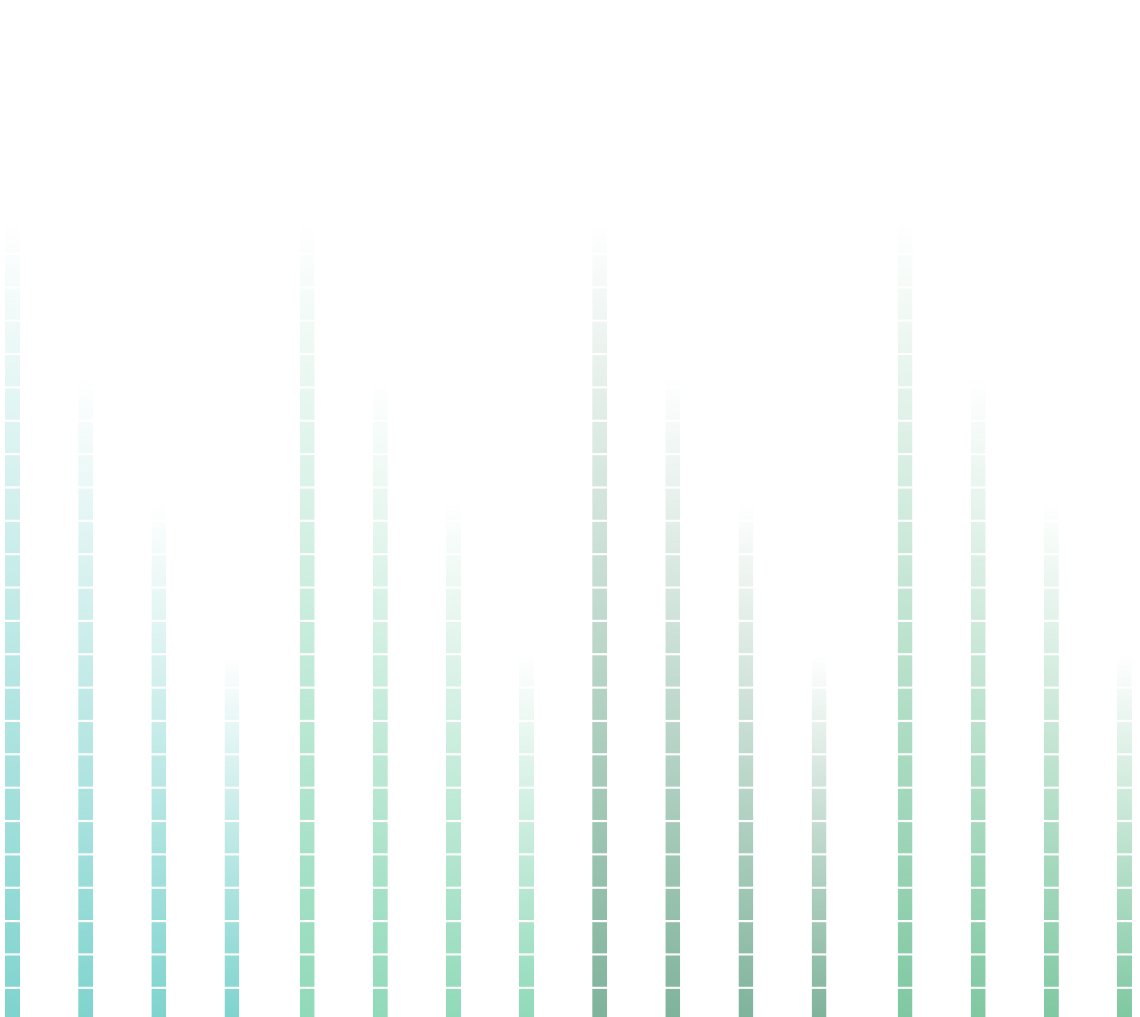
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**PROJECT PROPOSAL FOR**

**FIELDS OF MISTRIA**

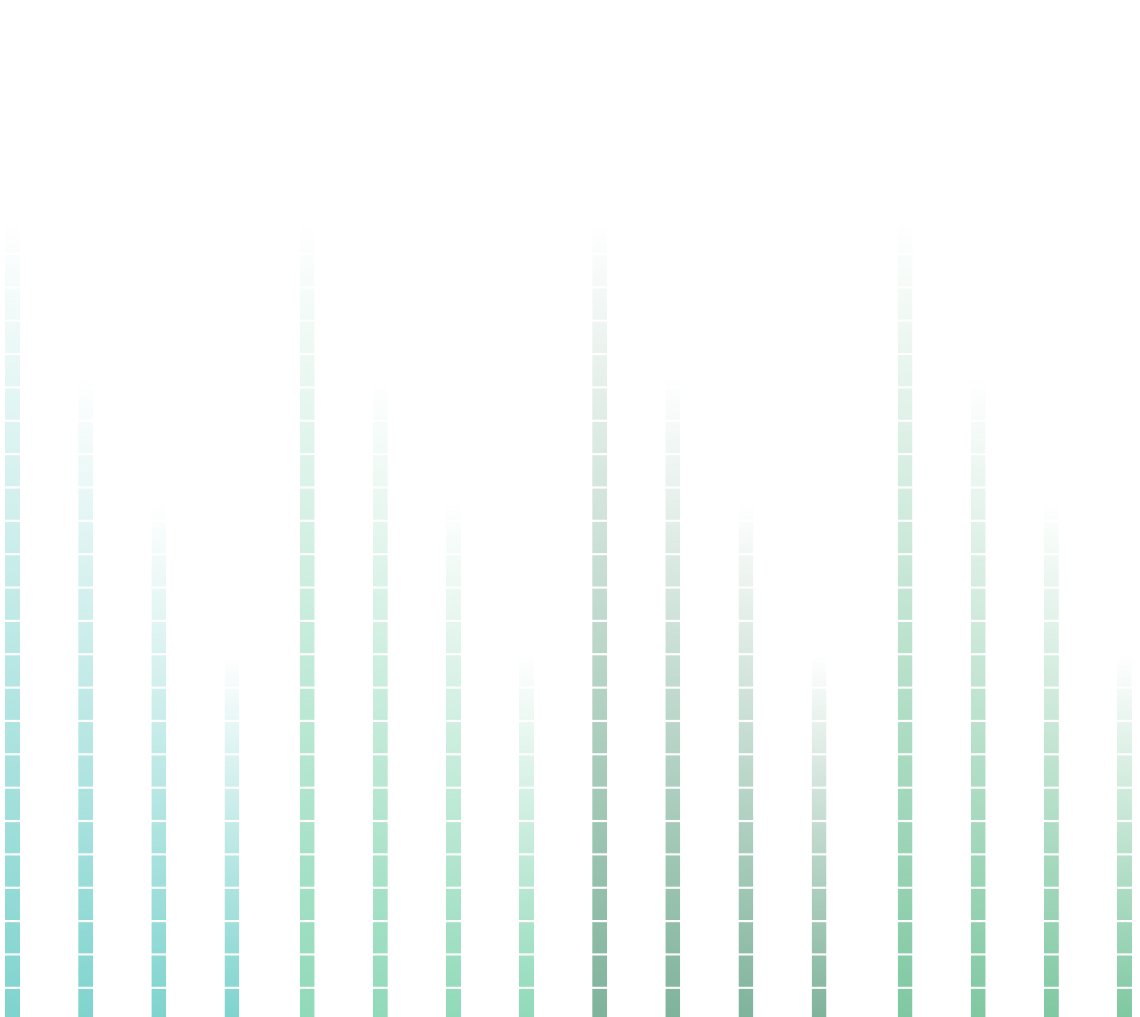
**RPG ARCHIVE CSM**

**DATE**

**November 7th, 2024**

**PREPARED BY**

**Ma Crizza Lynne Regacho**

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| **PROJECT TITLE** | FIELDS OF MISTRIA RPG ARCHIVE CSM | | |
| **SUBMITTED BY** | MA CRIZZA LYNNE REGACHO | **PROJECT TYPE** | CONTENT MANAGEMENT SYSTEM |
| **PHONE** | 204-869-5137 | **EMAIL** | MREGACHO@RRC.CA |
| **DATE OF PROPOSAL** | NOVEMBER 10, 2024 | **VERSION NO.** | 1.0 |
| **PROJECTED START DATE** | NOVEMBER 3, 2024 | **PROJECTED COMPLETION DATE** | DECEMBER 13, 2024 |

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3. **PROPOSAL OVERVIEW**
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12. **ERD DIAGRAM DESCRIPTION**
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| **PROPOSAL - Fields of Mistria RPG Archive CSM** |
| This proposal is to develop a CMS to assist with managing character profiles and the NPC’s gift preferences in the game Fields of Mistria. The CMS will assist with: a) tracking character profiles; b) managing gift preferences; c) enhancing player experience by providing accurate information; and d) allowing users to update and maintain content easily. |
| **BACKGROUND** |
| Fields of Mistria RPG Archive is a not-for-profit organization dedicated to providing comprehensive guides and resources for the game Fields of Mistria. This nostalgic farming/life sim RPG offers players the chance to build the farm of their dreams, discover magic, romance, and adventure, and restore the idyllic village of Mistria to its former glory. The organization requires a web-based Content Management System (CMS) to manage and display detailed character profiles, including their gift preferences. This CMS will help fans and players increase the heart levels of NPCs by gifting them appropriate items based on their preferences, enhancing their gaming experience. |
| **PROPOSAL OVERVIEW** |
| A CMS is used for the creation and management of content that is stored in a database. We want to develop a CMS to address the requirements for managing character profiles and gift preferences of the NPC in Fields of Mistria. |
| **USERS OF CMS** |
| The CMS will have three types of users: Admins, Editors, and Viewers.  Admins will have full access to all CMS functionalities, including the ability to add, edit, and delete character profiles, manage user roles and permissions, and oversee content updates and site maintenance.  Editors will be able to add and edit character profiles, update character gift preferences, and manage media files associated with character profiles.  Viewers will be able to view character profiles and related content, leave comments and feedback on character profiles, but will not have any editing or administrative privileges. |
| **BENEFITS** |
| Currently, players may struggle to find accurate and up-to-date information about character gift preferences in Fields of Mistria, especially since the game was recently released in 2024. The benefits of this CMS include:  a) providing a centralized and reliable resource for character profiles and gift preferences;  b) enhancing the player experience by helping them increase NPC heart levels through gifting;  c) allowing easy updates and maintenance of content by admins and editors; and  d) fostering a more engaged and informed gaming community.  Additionally, the CMS will help new players quickly get up to speed with the game mechanics and character interactions, reducing the learning curve and making the game more enjoyable. By having a dedicated platform for managing and accessing character information, players can focus more on enjoying the game rather than searching for scattered information online. This will also encourage community contributions and feedback, leading to continuous improvement and expansion of the resource. |
| **HARDWARE AND SOFTWARE REQUIREMENTS** |
| An AMMPS server will be used to run Apache and a MySQL Database. The coding will be using HTML, PHP, JavaScript and CSS |

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| **DATABASE STRUCTURE DESCRIPTION FOR FIELDS OF MISTRIA RPG ARCHIVE CSM** |
| **OVERVIEW** |
| This section contains a description of the database structure planned for the proposed Fields of Mistria RPG Archive CMS. The database schema is designed to manage and display detailed character profiles, including their gift preferences. An ERD diagram is provided to illustrate the relationships between the tables. |
| **ERD DIAGRAM** |
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| **ERD DIAGRAM DESCRIPTION** |
| **TABLES:**  **CHARACTERS TABLE**: This table is required to store the basic information and lore about each character in the game.  **GIFT\_PREFERENCES TABLE:** This table is required to store the gift preferences for each character, which helps players increase NPC heart levels by gifting them appropriate items.  **USERS TABLE**: This table is required to manage user accounts and their roles within the CMS.  **COMMENTS TABLE**: This table is required to store comments and feedback from users on character profiles.  **EVENTS TABLE:** This table is required to store events related to characters, such as birthdays or special occasions.  **ASSOCIATIONS:**  **Characters to Gift\_Preferences** is a One-to-Many Relationship where each Each character can have multiple gift preferences. This relationship ensures that each character's gift preferences are stored and managed separately, allowing for detailed and accurate information to be provided to the players.  **Characters to Comments** is a One-to-Many Relationship where in Each character can have multiple comments. This relationship allows users to leave feedback and comments on character profiles, fostering community engagement and interaction.  **Users to** **Comments** is a One-to-Many Relationship wherein Each user can leave multiple comments. This relationship ensures that user feedback is tracked and associated with the correct user and character profile.  **Characters to Events** is a One-to-Many Relationship where each character can have multiple events. This relationship allows the CMS to store and display events related to characters, such as birthdays or special occasions. |

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| **SUCCESS CRITERIA** | |
| **OVERVIEW** | **Functionality:** The CMS must allow admins to create, edit, and delete character profiles and gift preferences. Editors should be able to update character profiles and gift preferences. Viewers should be able to navigate and view character profiles and leave comments.  **Usability:** The CMS must have an intuitive and user-friendly interface that allows users to easily manage and navigate the content.  **Data Integrity:** All data operations must use the PHP Data Objects (PDO) extension to ensure secure and efficient database interactions.  **Security:** The CMS must implement role-based access control to ensure that only authorized users can perform administrative tasks. All user inputs must be validated and sanitized to prevent SQL injection and HTML injection attacks.  **Image Handling:** The CMS must allow admins and editors to upload images associated with character profiles and ensure that these images are displayed correctly to viewers.  **Version Control:** The project code must be versioned using git source control with at least 20 commits in one or more branches. The repository must be pushed to a private repo on GitHub or Bitbucket. |
| **MILESTONE** | |
| Week 1   * Project setup and initial planning. * Define database schema and create tables. * Set up version control with Git and create initial commits. | |
| Week 2   * Develop user authentication and role-based access control. * Implement CRUD operations for character profiles. * Create forms for adding and editing character profiles. | |
| Week 3   * Implement CRUD operations for gift preferences. * Create forms for adding and editing gift preferences. * Develop image upload functionality for character profiles. | |
| Week 4   * Implement validation and sanitization for all user inputs. * Develop navigation and viewing functionality for viewers. * Test all functionalities and fix any bugs. | |
| Week 5   * Finalize the user interface and ensure usability. * Conduct thorough testing and make final adjustments. * Prepare documentation and submit the project for approval. | |

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| **TERMS & CONDITIONS FOR FIELDS OF MISTRIA RPG ARCHIVE CMS** | |
| **Acceptance of Terms**  By accessing and using the Fields of Mistria RPG Archive CMS, you agree to comply with and be bound by the following terms and conditions. If you do not agree to these terms, please do not use the CMS.  **User Responsibilities**  **Admins:** Admins have full access to all CMS functionalities, including the ability to add, edit, and delete character profiles, manage user roles and permissions, and oversee content updates and site maintenance. Admins are responsible for ensuring the accuracy and integrity of the content.  **Editors:** Editors can add and edit character profiles, update character gift preferences, and manage media files associated with character profiles. Editors must ensure that all content is accurate and up-to-date.  **Viewers:** Viewers can view character profiles and related content, leave comments and feedback on character profiles, but do not have any editing or administrative privileges. Viewers must use the CMS in a respectful and lawful manner.  **Content Management**  **Accuracy of Information:** All users are responsible for ensuring the accuracy of the information they provide. The Fields of Mistria RPG Archive is not responsible for any inaccuracies or errors in the content.  **Content Updates:** Admins and Editors are responsible for regularly updating the content to ensure it remains accurate and relevant.  **Prohibited Content:** Users are prohibited from uploading or sharing any content that is illegal, offensive, or violates the rights of others.  **Security**  **User Accounts:** Users are responsible for maintaining the confidentiality of their account information, including usernames and passwords. Users must notify the Fields of Mistria RPG Archive immediately if they suspect any unauthorized use of their account.  **Data Protection:** The Fields of Mistria RPG Archive is committed to protecting the privacy and security of user data. All data operations will use the PHP Data Objects (PDO) extension to ensure secure and efficient database interactions.  **Intellectual Property**  **Ownership:** All content provided by users remains the property of the respective users. By submitting content to the CMS, users grant the Fields of Mistria RPG Archive a non-exclusive, royalty-free license to use, reproduce, and distribute the content for the purpose of operating the CMS.  **Trademarks:** The Fields of Mistria RPG Archive and its logo are trademarks of the Fields of Mistria RPG Archive. Users are not permitted to use these trademarks without prior written consent.  **Limitation of Liability**  The Fields of Mistria RPG Archive is not liable for any direct, indirect, incidental, or consequential damages arising from the use or inability to use the CMS. This includes, but is not limited to, damages for loss of profits, data, or other intangible losses.  **Termination**  The Fields of Mistria RPG Archive reserves the right to terminate or suspend user accounts at any time, without notice, for conduct that violates these terms and conditions or is otherwise harmful to the CMS or other users.  **Changes to Terms and Conditions**  The Fields of Mistria RPG Archive reserves the right to modify these terms and conditions at any time. Users will be notified of any changes, and continued use of the CMS constitutes acceptance of the revised terms.  **Governing Law**  These terms and conditions are governed by and construed in accordance with the laws of Manitoba, Canada. Any disputes arising from these terms will be resolved in the courts of Manitoba. | |
| **BY USING THE FIELDS OF MISTRIA RPG ARCHIVE CSM, YOU ACKNOWLEDGE THAT YOU HAVE READ, UNDERSTOOD, AND AGREE TO BE BOUND BY THESE TERMS AND CONDITIONS** | YES |
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| **ACCEPTANCE OF PROPOSAL** | | | |
| **AUTHORIZED CLIENT SIGNATURE** |  | **DATE OF ACCEPTANCE** | 2024-11-10 |