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**Final Project – Web Application Development**

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May 02, 2025

1. **Topic/Theme:** Online Event Registration System.
2. **Description:** This website will allow users to register for various events. Users can sign up for events, view available events, and manage their registration. Administrators will have the ability to create, read, update, and delete event entries.
* **User Features:**
* Users can view events, register for them, and view their registration history.
* Registered users can log in and manage their registration (edit or cancel).
* **Admin Features:**
* Admin can create, edit, and delete events from the system.
* Admin can view all registered users for each event.
1. **Website Map & PHP Plan:**

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1. **Database plan:**
* **Users Table**

|  |  |
| --- | --- |
| **Field name** | **properties** |
| UserID | INT(25) NOT NULL AUTO\_INCREMENT PRIMARY KEY |
| Username | VARCHAR(65) NOT NULL |
| Password | VARCHAR(32) NOT NULL |
| EmailAddress | VARCHAR(255) NOT NULL |

* **Events Table**

|  |  |
| --- | --- |
| **Field name** | **properties** |
| EventID | INT(25) NOT NULL AUTO\_INCREMENT PRIMARY KEY |
| EventName | VARCHAR(100) NOT NULL |
| EventDate | DATE |
| EventLocatoin | VARCHAR(255) NOT NULL |

|  |  |
| --- | --- |
| Descriptoin | TEXT |

* **Registrations Table**

|  |  |
| --- | --- |
| **Field name** | **properties** |
| RegistrationID | INT(25) NOT NULL AUTO\_INCREMENT PRIMARY KEY |
| UserID | INT(25) NOT NULL |
| EventID | INT(25) NOT NULL |
| RegistrationDate | DATE |

1. **Form Plan:**

For event registration, I will use a form to capture user data. The registration form will be presented on “events.php.” It will include fields like:

* User Name (auto-filled if logged in)
* Event Name (dropdown of available events)
* Registration Date (auto-generated)
1. **Other Plans:**
* Style.css: Styling for the website, including layout and responsive design.
* Form.css: Specific styling for forms and buttons.
1. **Future Plan & Changes:**

This plan outlines the expected structure and features of the project. However, I may adjust certain aspects, such as the user interface design, code, or the scope of user permissions.