

# Documentation - College Sports Event Registration

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## Documentation - College Sports Event Registration Web Application

### 1. Project Description:

The College Sports Event Registration system provides a streamlined way for students to register for sporting events. It ensures data accuracy through validation and stores the information in a MySQL database for future retrieval.

### 2. Modules:

#### a. Registration Form (index.php)

- Fields: Name, DOB, Email, Mobile, Phone, College ID, Sport, Team Name
- Frontend validation using JavaScript
- POST request to register.php for storage

#### b. Server-side Handler (register.php)

- Validates incoming POST data
- Uses prepared statements to prevent SQL injection
- Stores data in `registrations` table

#### c. Data Viewer (view.php)

- Displays all registrations in a table format

### 3. Validation Summary:

#### Client-Side:

- Name must be at least 2 characters and cannot contain numbers.
- DOB must be in the past.
- Email must follow valid format.
- Mobile must be exactly 10 digits.
- Phone (if provided) must not start with zero and must be digits only.
- College ID must be at least 3 characters.
- Sport must be selected.
- Team name must not exceed 50 characters.

#### Server-Side:

- Same validations as above implemented in PHP.
- Ensures data consistency even if JavaScript is bypassed.

### 4. Database Design:

Table: registrations

- id (INT, AUTO\_INCREMENT, PRIMARY KEY)
- name (VARCHAR 100)
- dob (DATE)
- email (VARCHAR 100)
- mobile (VARCHAR 15)
- phone (VARCHAR 15)
- college\_id (VARCHAR 50)
- sport (VARCHAR 50)
- team\_name (VARCHAR 50)

#### 5. Security Notes:

- Server-side validation prevents direct injection.
- Uses mysqli prepared statements.

#### 6. Future Enhancements:

- PDF export of submissions using fpdf
- Login for admin panel
- Email confirmation to registrants