A group of people playing sports

Description automatically generated

Athlete Pro

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# Brief Description

AthletePro is a sports management company based in Winnipeg, Manitoba. They represent professional athletes and need a website to showcase their clients' information and provide the latest news. This website will help fans stay updated and engaged with their favorite athletes.

# Type of Users and their Roles

1. **Admin (Administrator):** Admin users will have full control over the CMS. They can create, edit, and delete athlete profiles, news articles, and media content. They can manage user accounts and permissions.
2. **Editor (Content Editor):** Editors will be responsible for creating and updating athlete profiles and news articles. They can also moderate and approve user-generated content.
3. **Registered Users (Athlete Fans):** Registered users can follow specific athletes, comment on news articles, and submit user-generated content for approval.
4. **Visitors (Public):** Visitors can view athlete profiles, read news articles, and browse the site's content.

# A screenshot of a computer Description automatically generated**Database Structure Diagram:**

# Database Tables

* **Table: Athletes**
  + Columns:
    - athlete\_id (Primary Key)
    - full\_name
    - team
    - sport
    - bio
    - Other athlete-related fields
* **Table: News Articles**
  + Columns:
    - article\_id (Primary Key)
    - title
    - content
    - published\_date
    - author (Foreign Key referencing Users table)
    - athlete\_id (Foreign Key referencing Athletes table)
* **Table: Media Gallery**
  + Columns:
    - media\_id (Primary Key)
    - title
    - file\_path
    - uploaded\_date
    - athlete\_id (Foreign Key referencing Athletes table)
* **Table: Users**
  + Columns:
    - user\_id (Primary Key)
    - username
    - password
    - email
    - role
    - Other user-related fields

# Associations:

1. **Athletes - News Articles (One-to-Many):**
   * Each athlete can be associated with multiple news articles.
   * The athlete\_id in the News Articles table is a foreign key referencing the athlete\_id in the Athletes table.
2. **News Articles - Users (Many-to-One):**
   * Each news article is authored by a user.
   * The author in the News Articles table is a foreign key referencing the user\_id in the Users table.
3. **News Articles - Athletes (Many-to-One):**
   * Each news article can be associated with a specific athlete.
   * The athlete\_id in the News Articles table is a foreign key referencing the athlete\_id in the Athletes table.
4. **Media Gallery - Athletes (One-to-Many):**
   * Each athlete can have multiple media items associated with them.
   * The athlete\_id in the Media Gallery table is a foreign key referencing the athlete\_id in the Athletes table.

# Conclusion:

In this proposal, I’ve outlined a plan to create a website for AthletePro, a sport company in Winnipeg. The site will help them manage athlete profiles, news, and media content. Many user roles, like administrators, editors, and fans, will interact with the system.

The database structure includes tables for athletes, news articles, media, users, and these tables are interconnected to provide a smooth experience. This proposal sets the foundation for building a content management system and it can be modified as necessary during development.