Assignment 1: Documentation

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Contents

1 Database Diagram

This section shows the Entity-Relationship Diagram (ERD) for the system database. It reflects the current state of models in the Django application.
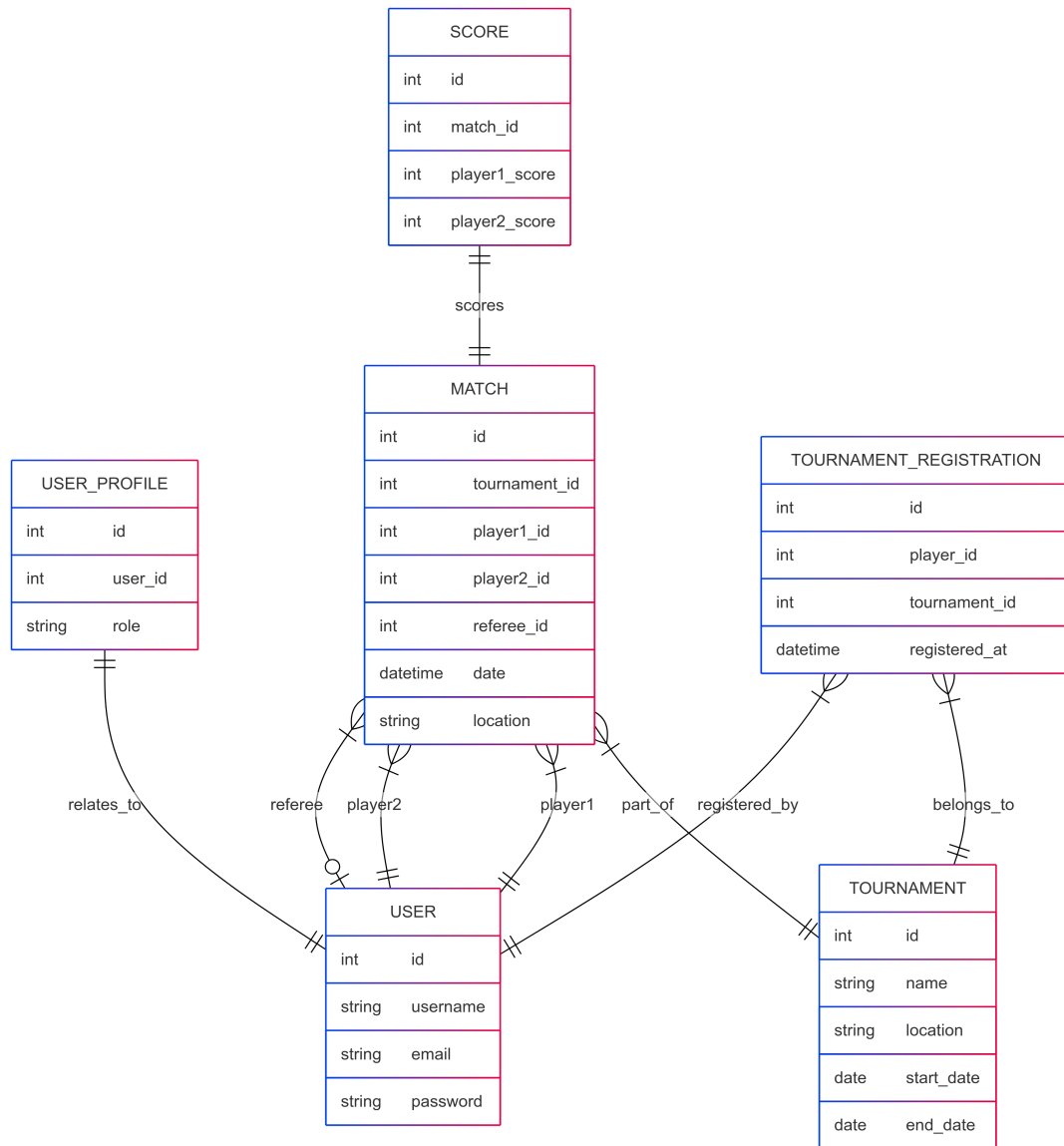

Figure 1: Entity Relationship Diagram

2 Use Case Diagram

This use-case diagram illustrates how different users interact with the system. The primary actors are the Admin, Referee, and Player.
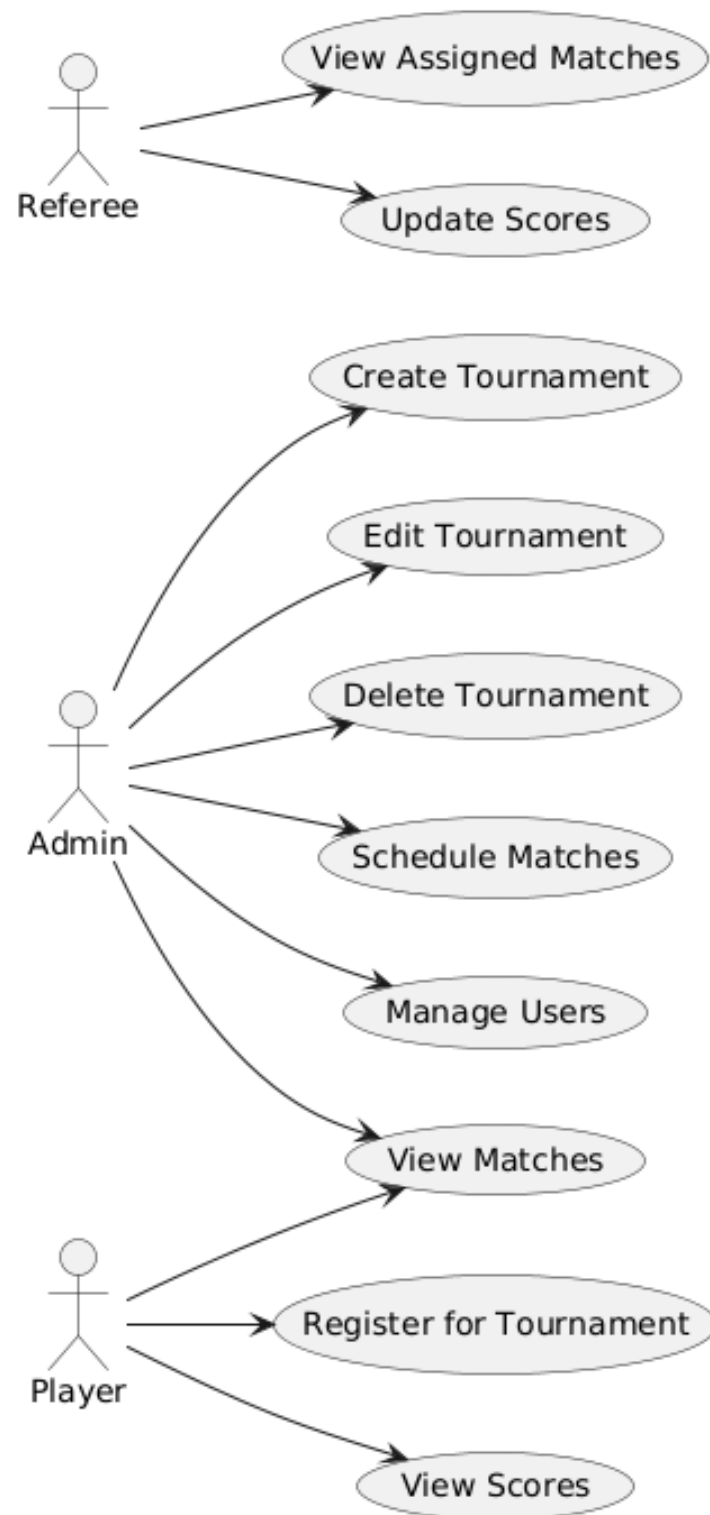

Figure 2: Use Case Diagram

3 Class Diagram and Layered Architecture

This class diagram demonstrates how classes are structured into layers following the Layered Architecture pattern. The system is divided into:

- **Presentation Layer:** Views and templates.

- **Application Layer:** Commands/handlers implementing logic.

- **Domain Layer:** Core Django models.
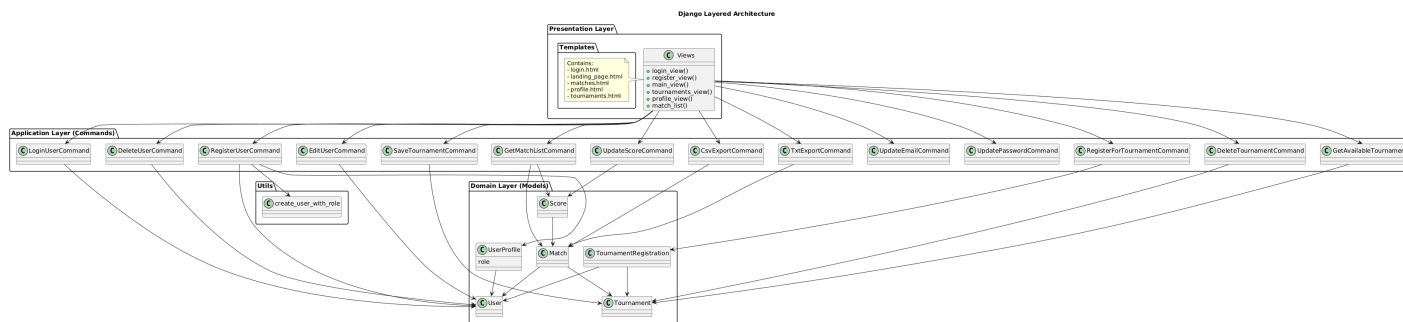
- **Persistence Layer:** Django ORM handling DB operations.

Figure 3: Class Diagram with Layered Architecture