Project Analysis

Project Description

Title: Volleyball Management System

Description: The Volleyball app allows users to manage volleyball teams, players, coaches, and training venues. Teams can train in multiple venues, and venues can host multiple teams. Each team has multiple players and exactly one coach. The app enables the addition and management of these entities, providing an organized overview of the relationships between them.

User Stories

1. As a User:

   I'm able to manage my team's players so that I can ensure the team is well-prepared for matches.
   - **Wireframe**: A dashboard showing the list of players, their details, and options to add, edit, or remove players.
   - **Acceptance Criteria:**
     - The coach can view a list of all players.
     - The coach can add a new player with details like name, age, and license.
     - The coach can edit player details.
     - The coach can remove a player from the team.

2. As a User:

   I'm able to view my profile and update my information so that my coach has the most current details.

   - **Wireframe:** A profile page showing the player's details with options to edit.
   - **Acceptance Criteria:**
     - The player can view their profile information.
     - The player can update their name, age, and license details.
     - The player can see the team they belong to.

3. As a User:

   I'm able to assign coaches to teams so that each team has a designated coach.
   - **Wireframe**: A management page showing teams and available coaches with options to assign or reassign coaches.
   - **Acceptance Criteria:**
     - The manager can view a list of all teams and coaches.
     - The manager can assign a coach to a team.
     - The manager can reassign a coach to a different team.

4. As a User:

   I'm able to manage the availability of sports halls so that teams can book them for practice sessions.
   - **Wireframe**: A calendar view showing the availability of sports halls with options to book or cancel bookings.
   - **Acceptance Criteria:**
     - The manager can view the availability of all sports halls.
     - The manager can book a hall for a specific time slot.
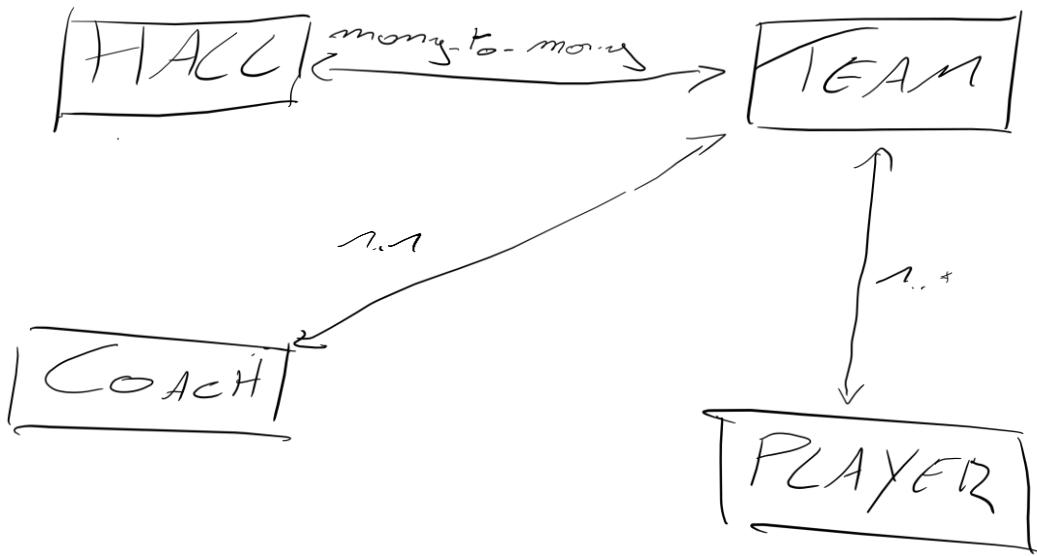   - The manager can cancel a booking.

5. As a User:

   I'm able to view the list of sports halls my team trains in so that I can keep track of training locations

   - **Wireframe**: a page showing the team's current training halls and their details.
   - **Acceptance Criteria**:
     - The coach or player can view a list of all halls where the team has scheduled training
     - The user can view details such as the hall's name, address and booking time

Domain Model

Conceptual & Logical Database Model