Yelsom Sedem Sanid

Web Tech Summer 2025 Final Exams

*Yelsom Sanid is developing a data powered website to help **football fans** to **review, rate, and comment on football matches***
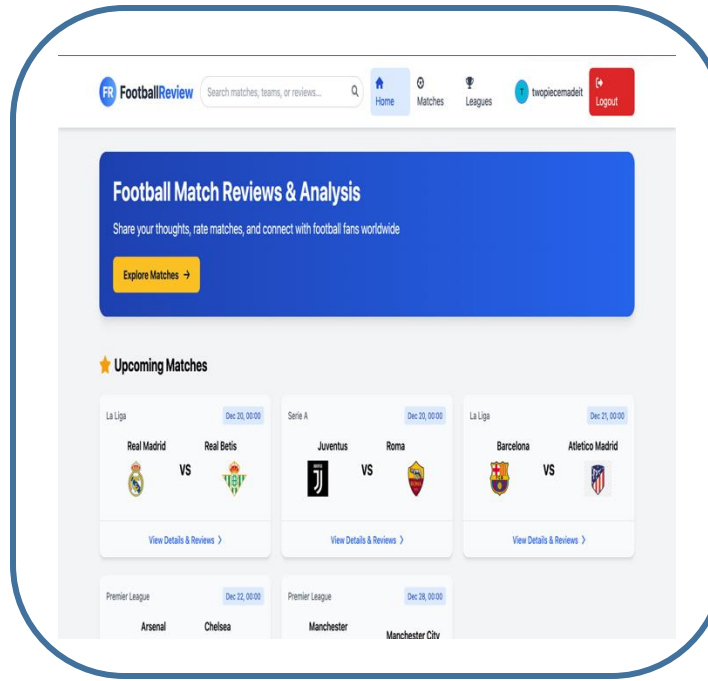
Project Title

PERSONA(s) *Football fans*

PROBLEM: *No real medium of express where football fans can review, rate and comment on football matches.*

PAYOFF: *What is a simple drawn screen that is illustrative of something the website shows that helps solve the problem. It is likely a report or some results of data entered by the participants.* **This is the most important square**

FINISH: *This provides a medium where football fans can express their emotions respectfully on matches they feel and want to talk about on.*

User / Customer

- describe the business, organization, or group of people that will use this website. If a business, describe its products or services and what its purpose is. Football Fans will be using this website

- What are the roles of the users who will use the website. One sentence about what they do. *For example, in the Attendance system the roles are "students", "faculty" and "faculty interns".*
Football fans of various teams in different leagues. Very broad selection so there is no real particular section of the selected population. It is for all football fans across the globe.
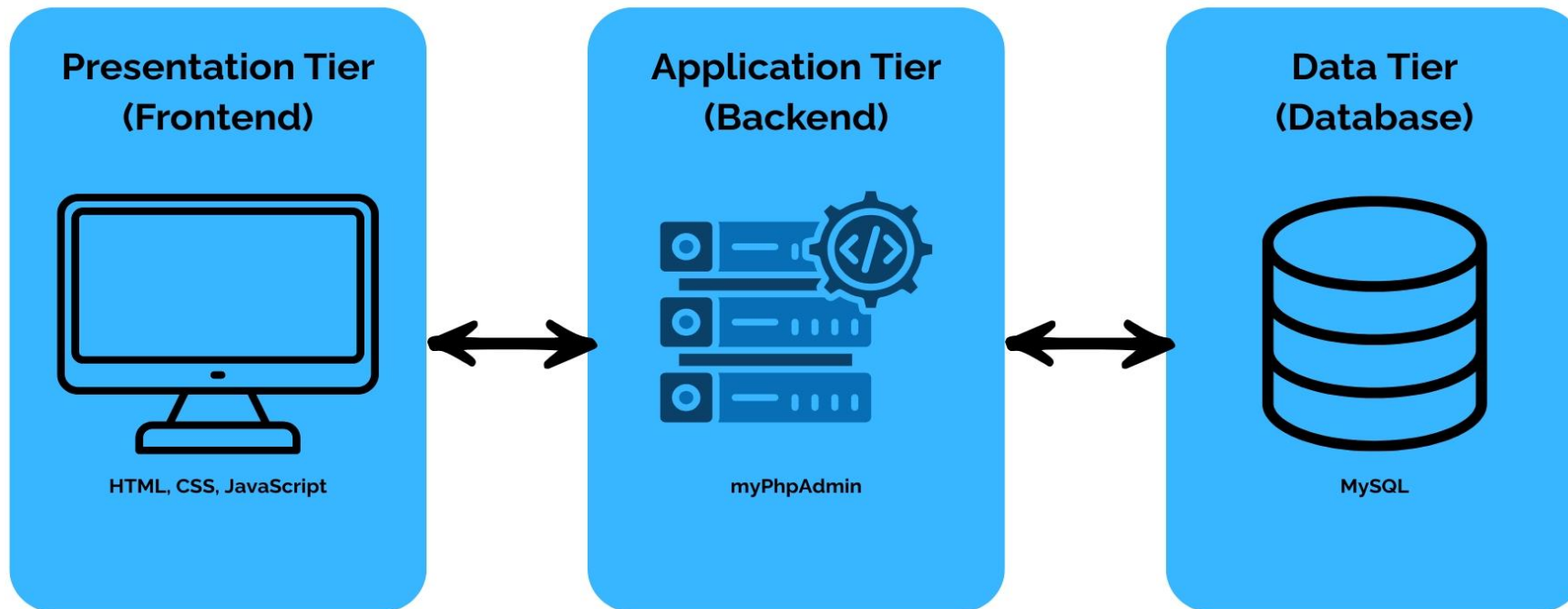
Main Functions of the Website

- Interactive Match Review & Rating System
- Fan Engagement and Social Interaction
- Integrated Support and Messaging System

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Architecture

3 Tier Architecture
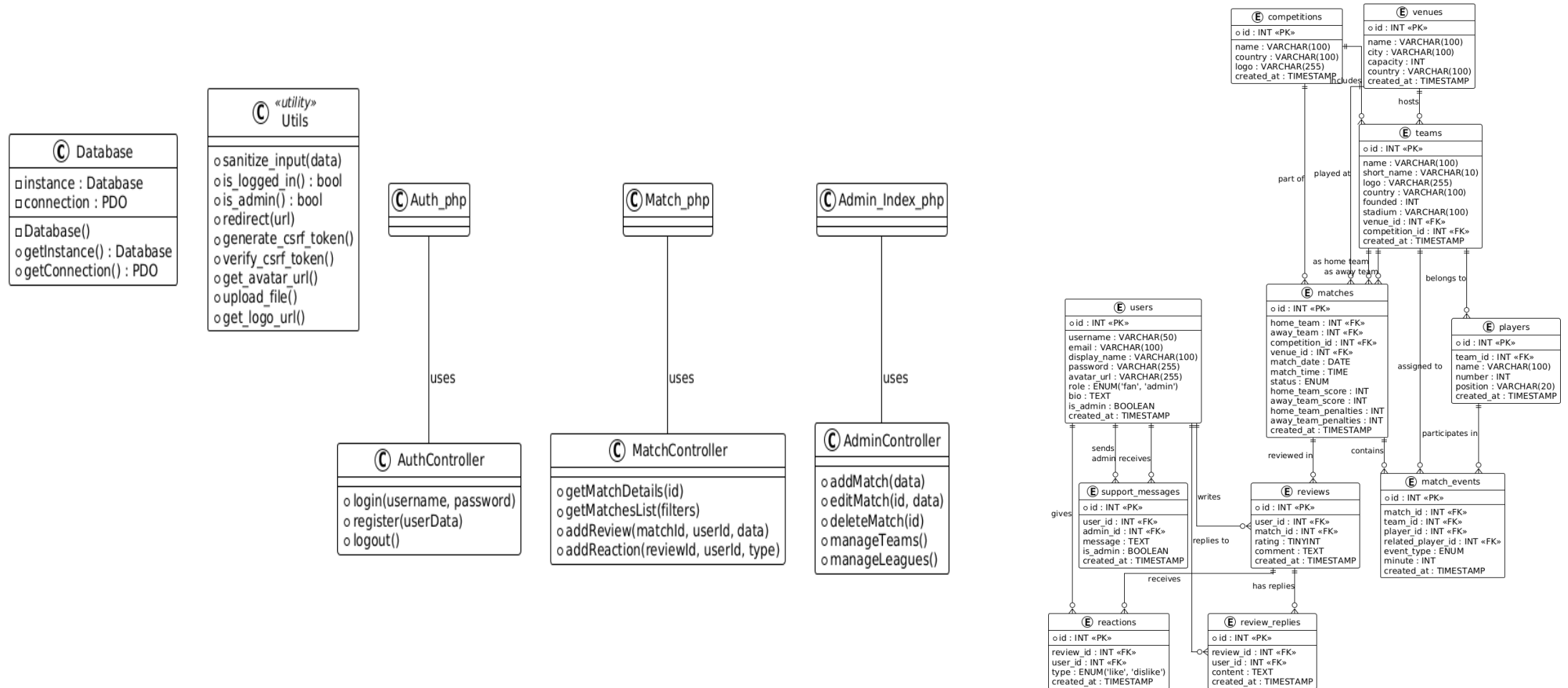

Presentation Tier (Frontend)

HTML, CSS, JavaScript

Application Tier (Backend)

myPhpAdmin

Data Tier (Database)

MySQL

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URL to Web Application

- http://169.239.251.102:341/~yelsom.sanid/FootballReview/register.php

UML Diagrams

YouTube Link to watch Walkthrough

- https://youtu.be/Mtvs_PK9WPY

Use of AI

- Name: Gemini

- Model: Gemini 3 Flash

- Date of Use: 9th December, 2025

- Precise Prompts:
    - Give me the file structure so I know how to write my code(s)
    - "matches.php:303 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/atletico_madrid.png 404 (Not Found) matches.php:347 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/juventus.png 404 (Not Found) matches.php:525 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/villarreal.png 404 (Not Found) matches.php:720 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/lyon.png 404 (Not Found) matches.php:660 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/strasbourg.png 404 (Not Found) matches.php:1604 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/juventus.png 404 (Not Found) matches.php:1604 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/strasbourg.png 404 (Not Found) matches.php:1604 GET http://169.239.251.102:341/~yelsom.sanid/FootballReview/admin/assets/images/teams/atletico_madrid.png 404 (Not Found) See this now" to fix the error found in my console.
    - "Generate a Terms & Service, Privacy Policy, and Cookie Policy text for the website"
    - "Fix and if you feel like it's necessary, add some things to the navbar CSS so it works seamlessly"
    - "Enhance and add to the Functions.php file so the functions work seamlessly"

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Use of AI

- Outputs Used:
  - Console Issue:

    Before

    $webPath = str_replace(basename($scriptName), '', $scriptName);

if (basename(dirname($_SERVER['SCRIPT_FILENAME'])) === 'includes') {

    $webPath = dirname($webPath);

}

define('BASE_URL', rtrim($protocol . '://' . $host . $webPath, '/'));

    After

$projectRoot = realpath(__DIR__ . '/..');

$relativeRootPath = str_replace(realpath($projectRoot), '', realpath($scriptFilename));

$projectUrlPath = str_replace($relativeRootPath, '', $scriptName);

define('BASE_URL', $protocol . '://' . $host . rtrim($projectUrlPath, '/'));

  - The whole terms, privacy, and cookies policy files in the code.

  - Navbar Issue:

    Before

    .nav-link {

    }

Use of AI

- Outputs Used (Continuation):

  After(Cleaned and expanded for smooth transitions)

  ```
  .nav-link {
      transition: background-color 0.2s ease, color 0.2s ease;
      position: relative;
  }
  .nav-link.active::after {
      background-color: var(--primary-color);
      /* ... underline effect ... */
  }
  ```

  After
  ```
  <script>
      window.APP_CONFIG = { baseUrl: '<?= BASE_URL ?>' };
  </script>
  ```

  Funtions Issue:

  Before
  ```
  <img src="<?= $review['avatar_url'] ?: 'assets/images/default-avatar.png' ?>" ...>
  ...
  <?php include 'includes/partials/footer.php'; ?>
  <!-- Missing absolute script tag -->
  ```

Use of AI

After

<img src="<?= htmlspecialchars(get_avatar_url($review['avatar_url'], 48, $review['username'])) ?>" …>

…

<?php include 'includes/partials/footer.php'; ?>

<script src="<?= BASE_URL ?>/assets/js/main.js"></script>

- Extent of Use: Used to generate some part of the html and css codes, especially for the frontend. Part of my code was also due to external help from a family member.

- Post processing & Validation. AI updates and changes were run and checked by my external assistance and I all manually ran on the live server to ensure they work well.

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