



University of  
Utah Athletic Department  
Web Application Design

**PREPARED FOR**

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IS 6465 Web Applications Project Group 8

## **Introduction**

Our group has chosen to pursue the U of U Athletic Department project. The main objective of this project is to create a dynamic portal for users (administrators) that allows them to track the income and expense metrics of University of Utah sports teams. Initially, we were drawn to this project due to the high popularity of University of Utah athletics, but even after reviewing all other options, we decided this choice made the most sense for us. This particular project provides a great opportunity for our group to learn real-world tangible skills in order to solve a realistic business need and we believe the experience and the skills learned can undoubtedly be applied in our careers or personal endeavors afterward.

## **Use Case requirements and roles**

|   | Use case                    | Page Name     | Role(s)                    | Description  |
|---|-----------------------------|---------------|----------------------------|--|
| 1 | Login                       | login         | Athletic Admin<br>Employee | 1. User login into app<br>2. Upon login, user is then forwarded to the income-sheets or team-details pages, depending on role  |
| 2 | Generate income vs. expense | income-sheets | Athletic Admin             | 1. User is able to generate report<br>2. Each team is displayed with their respective reports regarding income vs. expense<br>3. User generates income vs. expense for each team at the U and over multiple sessions |
| 3 | Add data or new team        | team-details  | Employee                   | 1. User adds data for each team<br>2. User is then forwarded to team-view page   |
| 4 | View data for teams         | team-view     | Employee<br>Athletic Admin | 1. User views data that is displayed on page and detailed schedule<br>2. User has options to be directed to either add, update, and delete pages   |
| 5 | Update data for teams       | team-update   | Employee                   | 1. User has the option to update team data<br>2. Once finished, user is then advised to either accept the update, or be rerouted to the team-details or team-view pages  |
| 6 | Delete team data            | team-data     | Employee                   | 1. User deletes data for selected team<br>2. Upon submission, user accepts criteria and it rerouted to the team-details page   |

Wireframe

UofU logo

Username

Password

Show password

Sign In

Forgot password?

Not a Member Yet? [Click here](#)

UofU logo

Login > Menu > Income Sheets

Teams:

|  |                 |   |                        |                                   |
|--|-----------------|---|------------------------|-----------------------------------|
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |
|  | Generate Report | → | Income vs. Cost Recent | Income vs. Cost Multiple Sessions |

UofU logo

Login > Menu > Team Details

Team \_\_\_\_\_:

Team name

Employee/Coach

Athlete Count

Scholarships Count

Name of Scholarships

Income

Equipment

PAC 12 ranking

Add

Team Picture

Add image

Team Description/Details

UofU logo

Login > Menu > Team Details > Team View

Team Name

Location/Department

Team Details

Team Income/Budget

Team Picture

Team Schedule

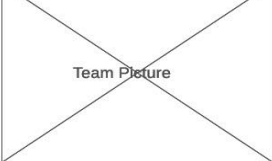

Date:

Opposing team:

Add Another Team

Update Team

Delete Team

|   |  |
|---|--|
| <p>Team _____:</p> <p>Team name</p> <input type="text"/> <p>Employee/Coach</p> <input type="text"/><br><input type="text"/> <p>Scholarships Count</p> <input type="text"/> <p>Name of Scholarships</p> <input type="text"/> <p>Income</p> <input type="text"/> <p>Equipment</p> <input type="text"/> <p>PAC 12 ranking</p> <input type="text"/> | <p><u>Add image</u></p>  <p><u>Team Description/Details</u></p>  |
| <p>Update</p>   |  |

**Team \_\_\_\_\_:**

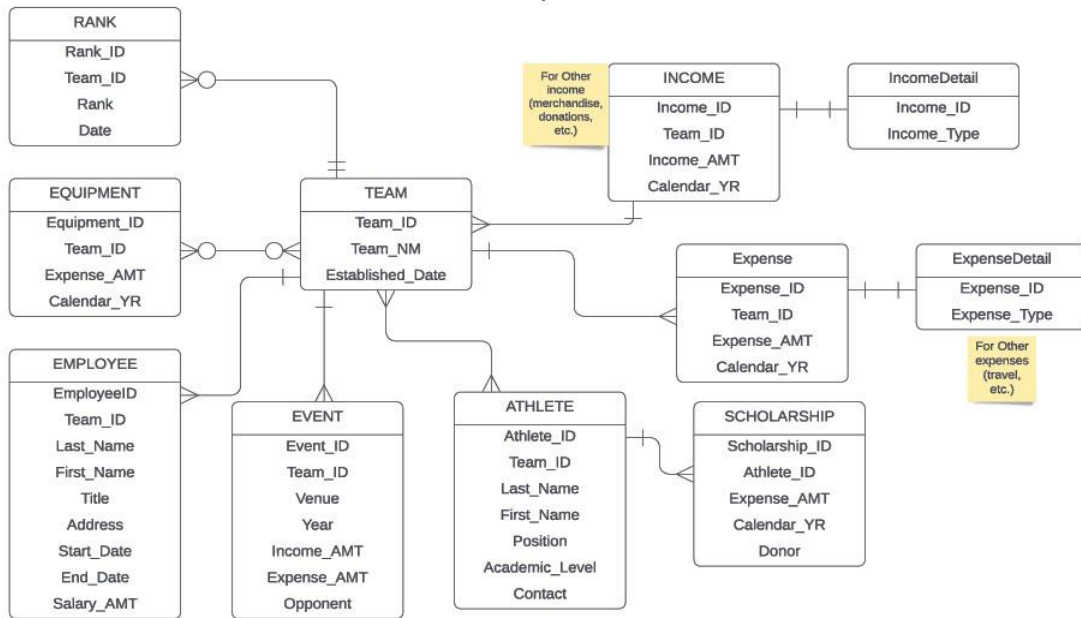
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Delete:

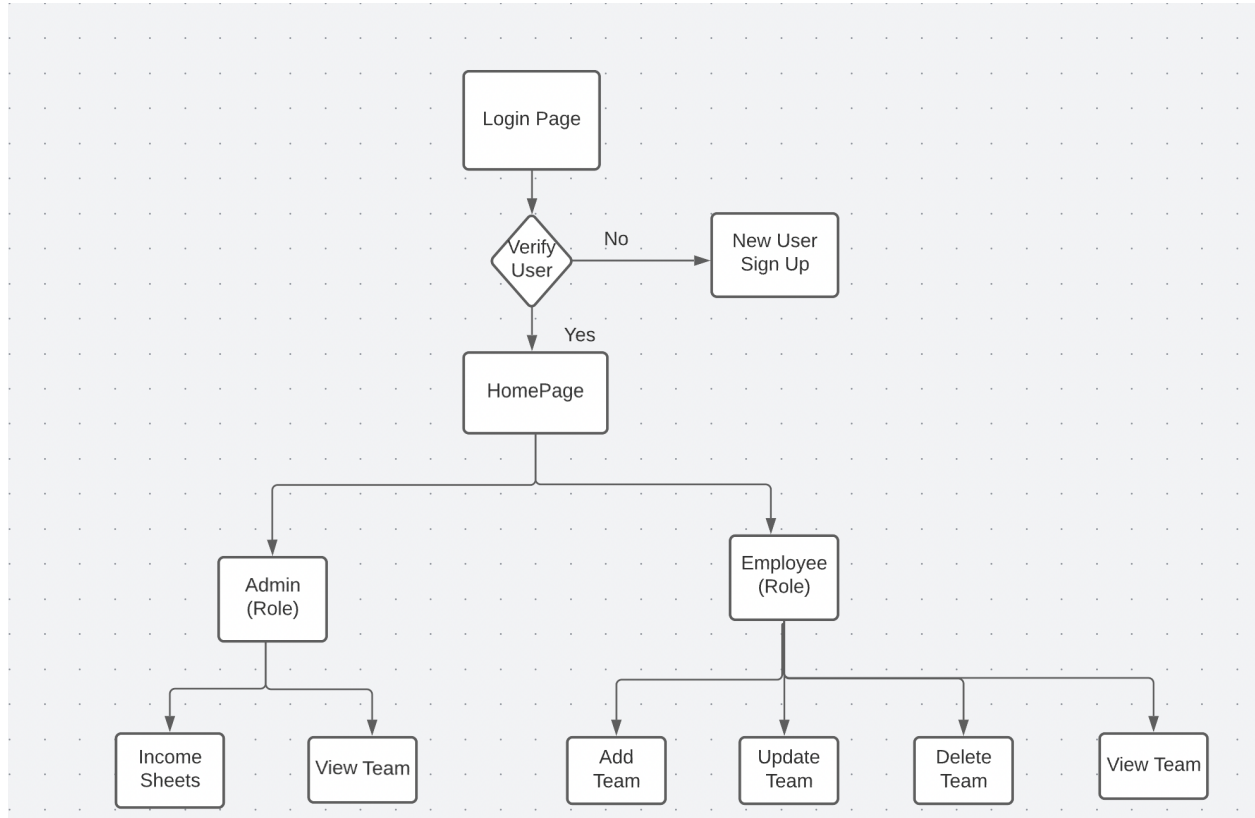
|     |    |                 |
|-----|----|-----------------|
| Yes | No | → Are you sure? |
|-----|----|-----------------|

## ERD

### University of Utah Athletics Department ERD Group 8



## Sitemap



## Challenges and Tentative delivery schedule (with dates)

The biggest we may face is syncing up as a team in order to assign the tasks out properly. We all work full-time and have other life obligations that make it difficult to meet on a regular basis. Also, another big challenge is that most of us have not coded/programmed before this class so this will be a new experience for all of us. This will add a unique dynamic to the skillset our team has to offer. After the third week project proposal, we plan to start working on the landing/home and login pages. Knowing our limitations, this effort will need to begin the week starting October 16th as aforementioned, our coding skill set is not developed enough to put on delay. Hopefully by implementing this, we will avoid any time delay with the roadblocks we will face.