Minor Project I Proposal on

# GCES SPORTS

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Engineering in Software Engineering at Pokhara University


***By***

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**GANDAKI COLLEGE OF ENGINEERING AND SCIENCE**

Lamachaur, Kaski, Nepal


**(July 2020)**

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# APPROVAL CERTIFICATE

This project entitled GCES SPORTS prepared and submitted by Bibash Thapa Magar, Rajan Aryal, Sanket Adhikari under the supervision of Er. Rajendra Bahadur Thapa in partial fulfillment of the requirements for the Degree of Bachelor of Engineering in Software Engineering has been examined and is recommended for approval and acceptance.

**Date of Evaluation:** July 9th, 2020

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# ABSTRACT

Lack of information flow, systematic arrangement and time control have led to the high faulty conduct of the sporting events organised yearly based by student on the behalf of college. So, in order to address following issues this website will be successful in solving problems generated at early years sporting events. This website will let colleagues know all the details of sports events. This website will provide facilities to access team members, fixtures, venues of various sporting events. Website will have a section where the result of the various sporting event conducted on the particular day will be mentioned.

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# Chapter 1

# INTRODUCTION

## 1.1 BACKGROUND

Till the present context, we have been facing lots of problems during sports meets due to bad management of organizers. So, in the regards of those problems we are planning to make a website for the sport meets. We provide information regarding sports meet within this website so that there will be no delay or mismanagement during sports meet events. Whether sharing information regarding sports meet event, or sharing captured memories during the event, or providing the user the service to access the team and fixture to manage their respective team, GCES sports will make the sports meet events run smoothly.

## 1.2 PROBLEM STATEMENT

There are many problems we have been observing and facing during GCES sports meet events like being unable to start the game in given time, lack of team members during the game play, and so on. Due to these, it will take much more time for the organizers to finish their events which directly affects the other curriculum activities of the college. In order to minimize the above problems “GCES Sports” is developed.

## 1.3 OBJECTIVES

GCES sports is a website that provides a platform for sharing information regarding sports meet events. This project fulfils the following goals: -

- To inform the participants and others about the schedule regarding sports meet events.
- To provide a platform where people can share their captured memories of sports meet events.

## 1.4 IMPLICATION

This website can be used by group of people who are participating in the GCES sports meet events. Also, this website will provide a service to the login user to manage their respective teams. So, this site solves the ultimate sporting circumstances prevailed in GCES. Either providing information or memories about sports meet events or providing service to manage their teams, GCES sports website can be implemented.

# Chapter 2

# LITERATURE REVIEW

Numerous websites have already been developed in the market which provides a platform for smooth management of sports event. Apart from these established websites our goal is to provide a more user-friendly website which makes the jobs done smoothly.

BBC sports operates a subsite of BBC outline which supplements the television and radio services of the department. The website features sports and analysis from a variety of sports. The site also includes news, stories related to teams or particular sports and live broadcast coverage of same sports.

Field Level Media was founded by sports media executives with more than 40 years of combined experience working with print and digital content platforms with the most influential medias companies in the industry. Their mission: bring engaging, quick-hitting and well-written sports news and analysis direct to sports fans on the device they consume content on.

# Chapter 3

# TOOLS AND METHODOLOGY

## 3.1 REQUIRED TOOLS

The following tools will be used for the development of the website:

- Programming languages to be used
  - HTML
  - CSS
- Scripting languages to be used
  - JavaScript
  - PHP
- Database
  - MySQL
- For making diagrams
  - Photoshop
- For making Gantt chart
  - MS Excel
- For making wireframe
  - Adobe XD

## 3.2 METHODOLOGY

### 3.2.1 USE CASE DIAGRAM

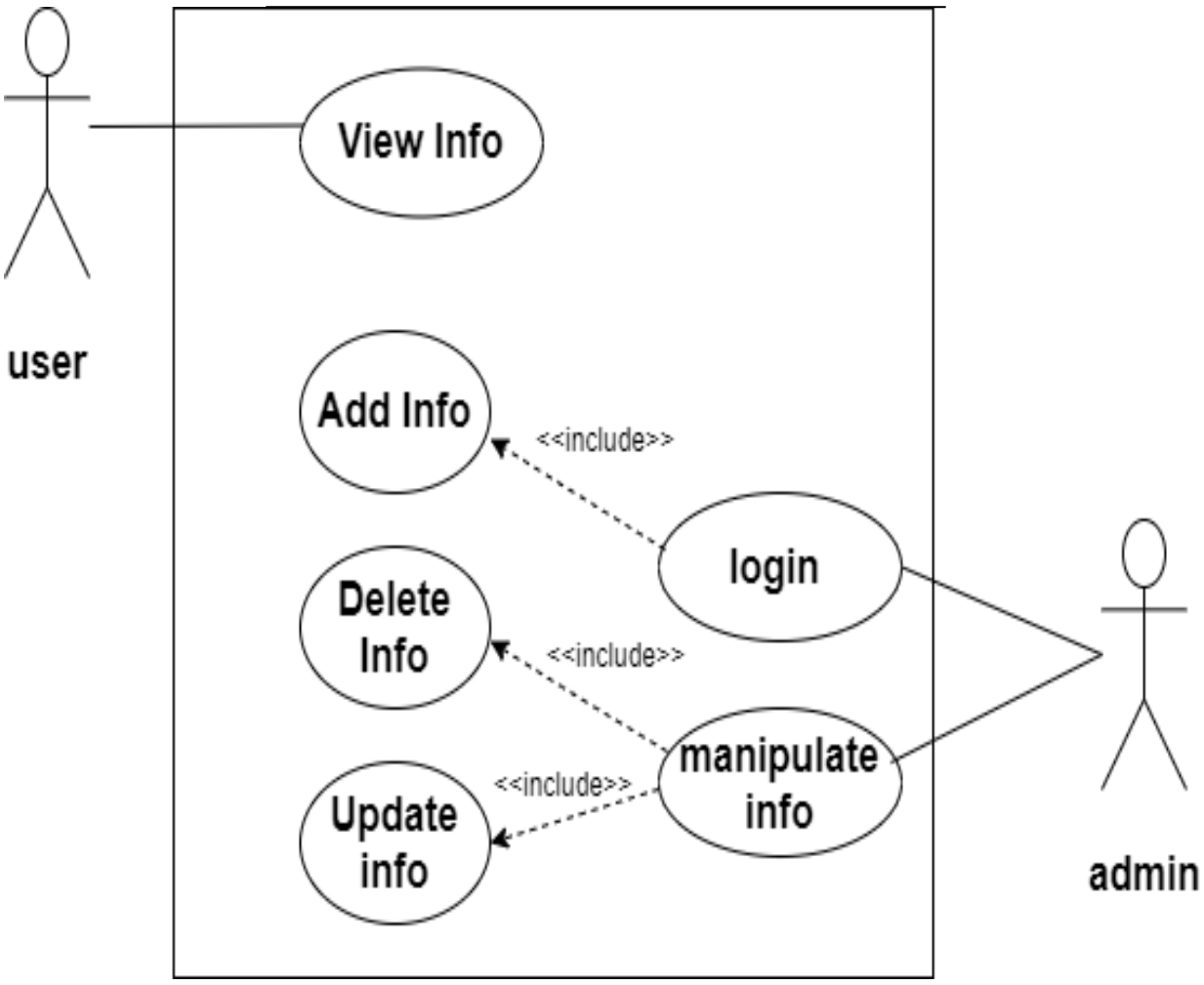



**Figure 3.2. 1: Use Case Diagram (UCD) of GCES sports**

**Use Case UC1: View Info**

**Primary Actor:** User

**Precondition:**

**Postcondition:** User can see the update of the games, fixtures & results which are added by admin.

**Alternate flow:** If the user is unable to open the website then he/she must reopen the website.

**Use Case UC2: Manipulate Info**

**Primary Actor:** Administrator

**Precondition:** Admin must login

**Postcondition:** Admin can add, delete and update information. Admin can also use image, videos and texts for manipulation.

**Alternate flow:**

### 3.2.2 SYSTEM SEQUENCE DIAGRAM

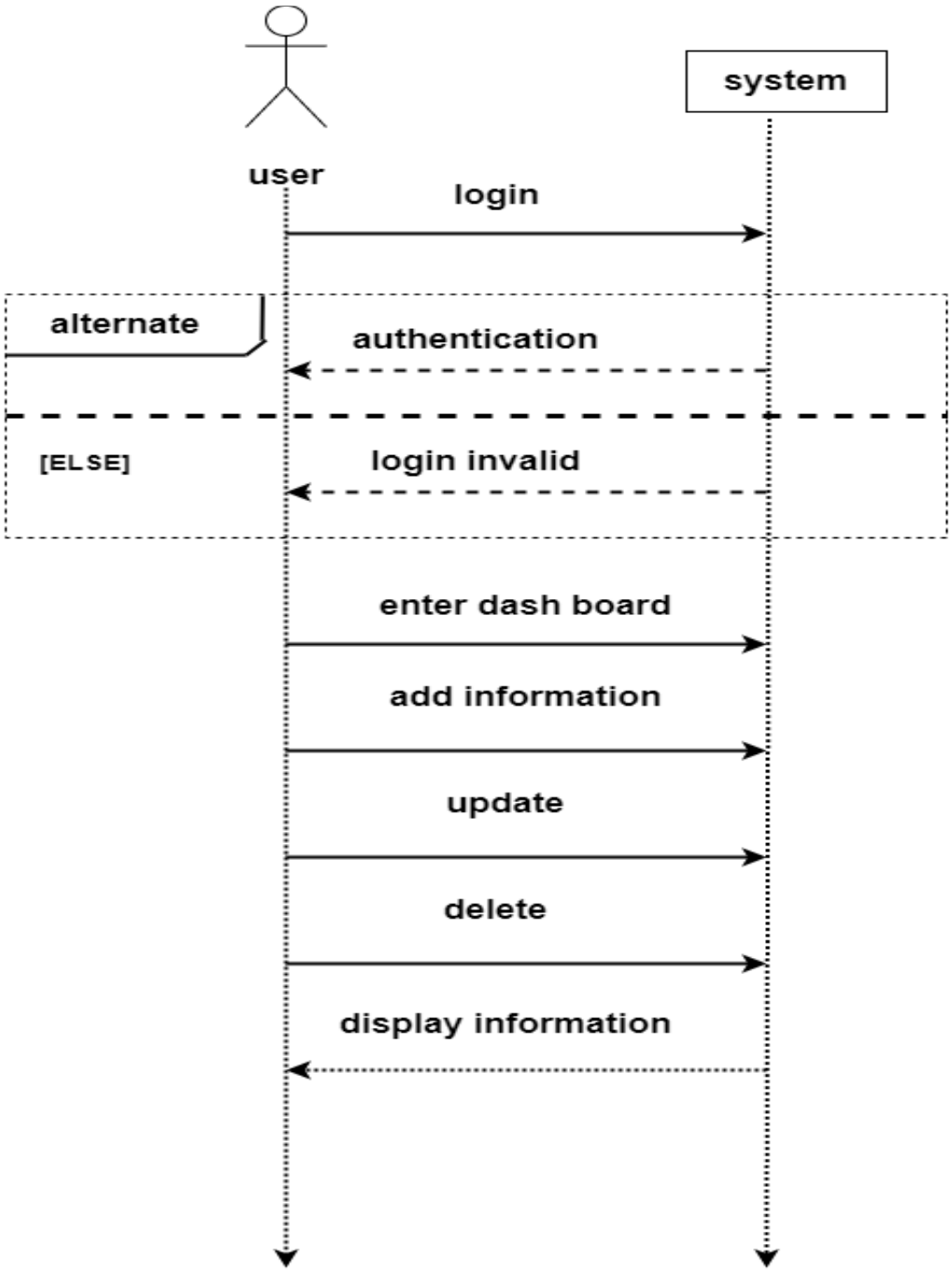



**Figure 3.2. 2: System Sequence Diagram (SSD) of GCES sports**

### 3.2.3 ENTITY RELATIONSHIP DIAGRAM

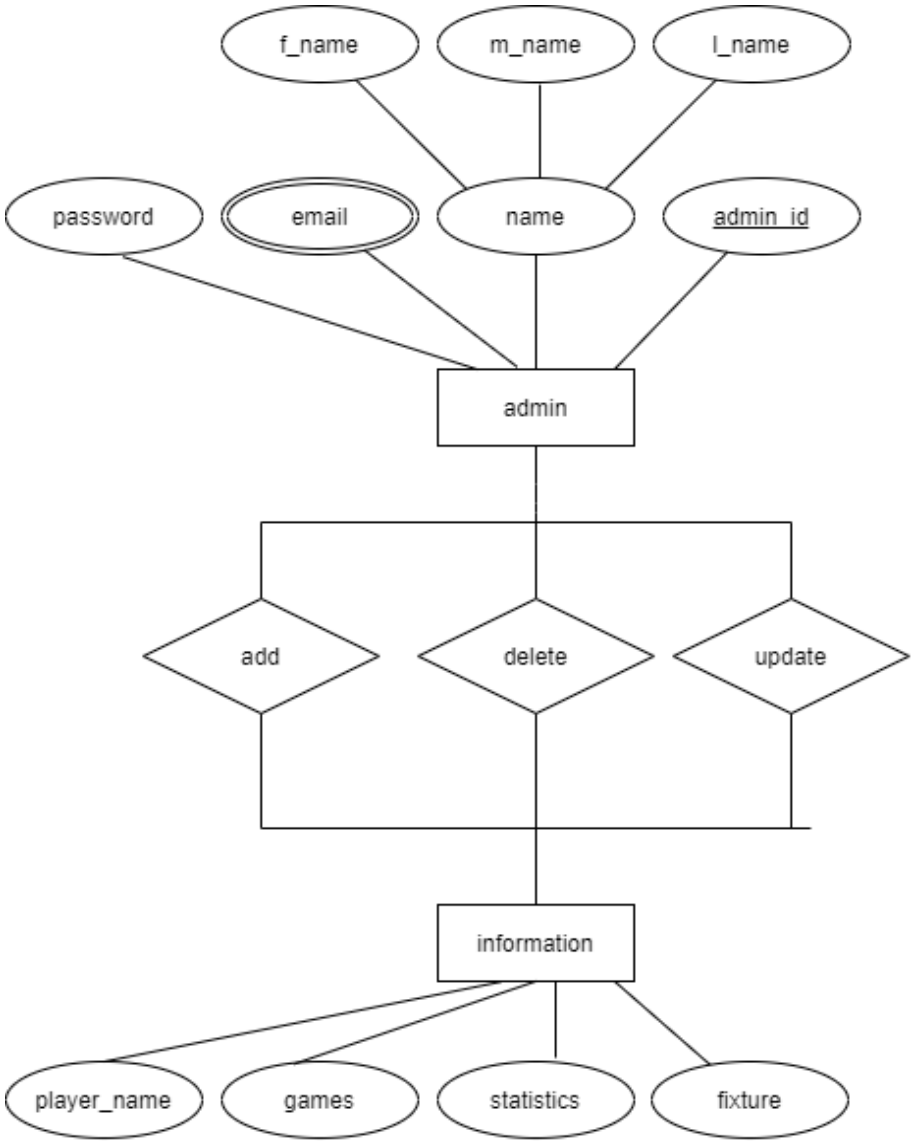



**Figure 3.2. 3: Entity Relationship Diagram (ERD) of GCES Sports**

# Chapter 4

# TIMELINE CHART

This chart is a timeline that illustrates how GCES sports will run by showing the start and finish dates of several elements of the project.

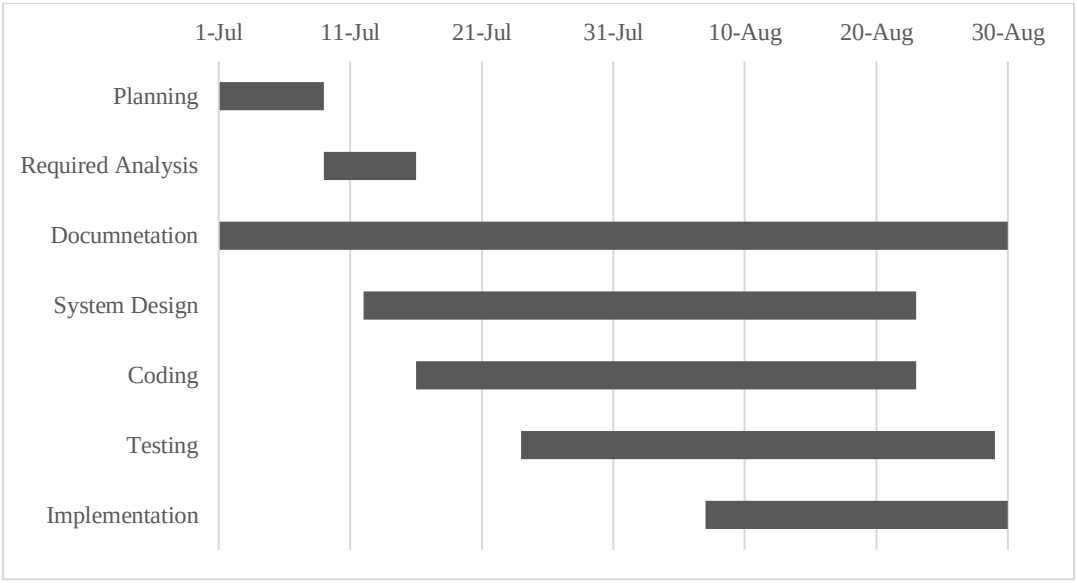
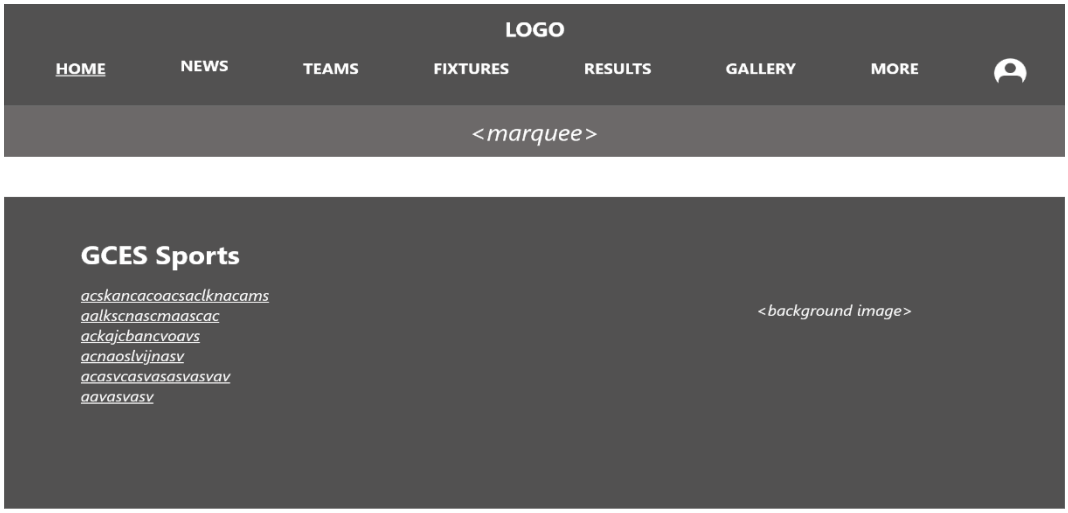


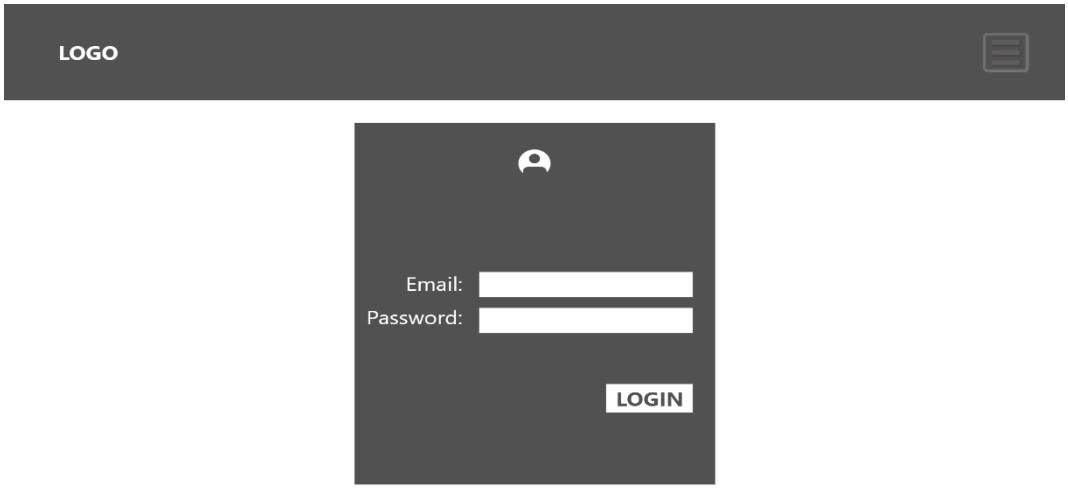

**Figure 4. 1: Gantt Chart**

# Chapter 5

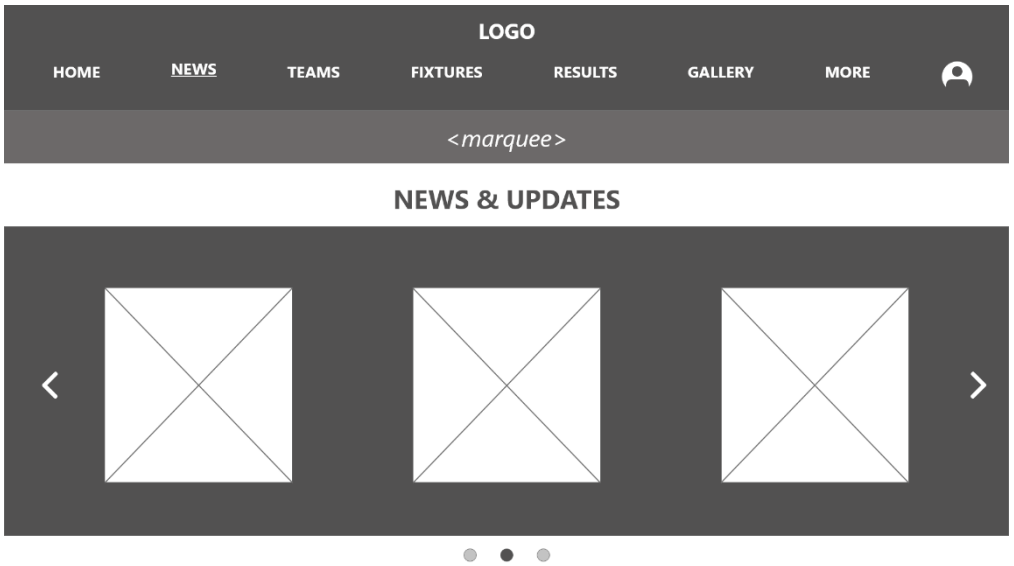
# WIREFRAMES



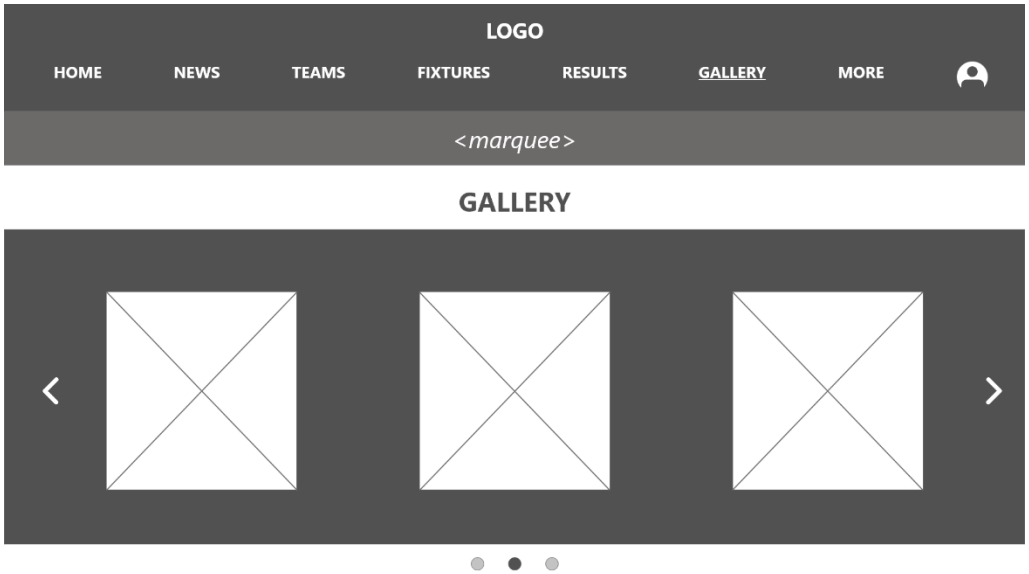

Home Page



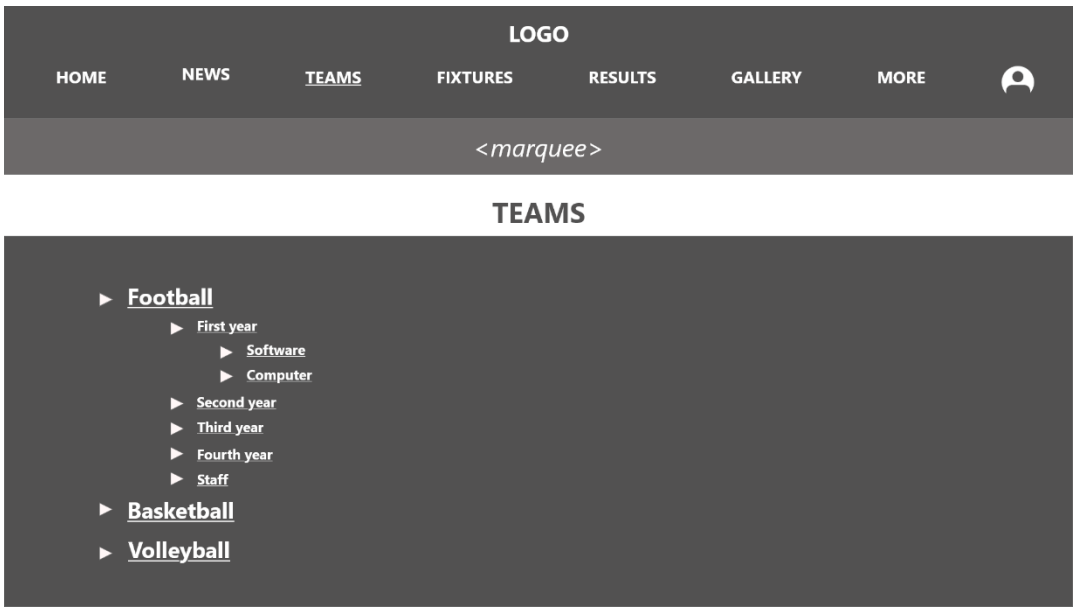

Login Page




News page




Gallery Page

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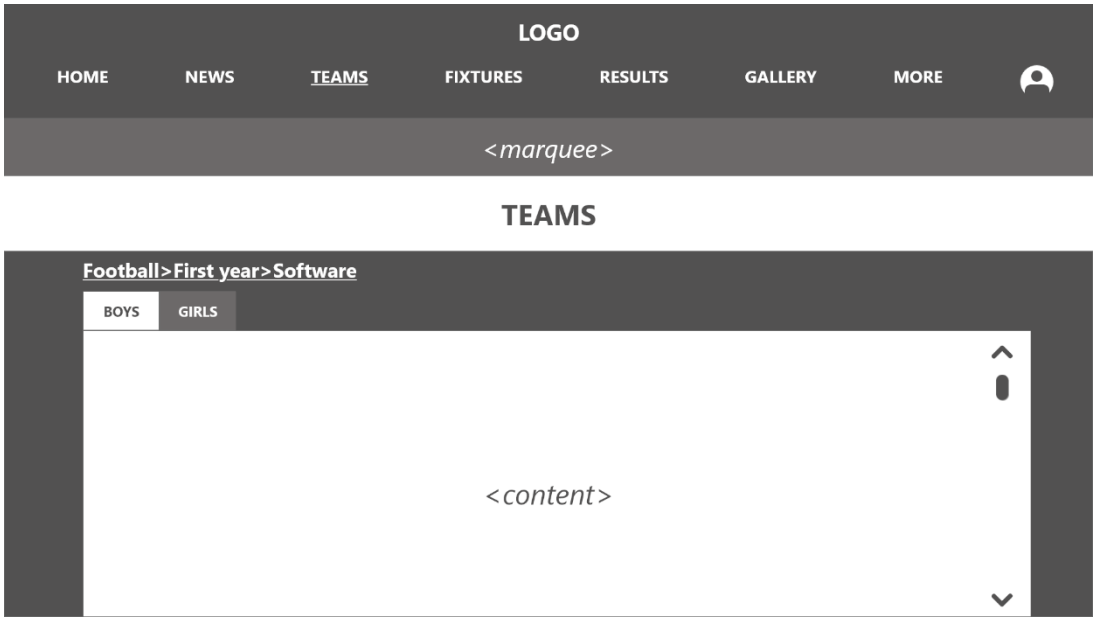


Team/fixture/Results Page

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