American International University-Bangladesh
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**00892 ADVANCE DATABASE MANAGEMENT SYSTEM**
PROJECT Report

[B][SUMMER 22-23]

# E-Sports Management System

Submitted by


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# Introduction

## 1.1 Project Proposal

This project is a Database Management System for eSports. The project is a website that will allow users to create an account and login. The website will allow users to interact with each other. The website will also allow users to create teams and join tournaments ...

### 1.1.1 What is eSports?

eSports is a form of competition using video games. Most commonly, eSports take the form of organized, multiplayer video game competitions, particularly between professional players, individually or as teams. Although organized online and offline competitions have long been a part of video game culture, these were largely between amateurs until the late 2000s, when participation by professional gamers and spectatorship in these events through live streaming saw a large surge in popularity. By the 2010s, eSports was a significant factor in the video game industry, with many game developers actively designing toward a professional eSports subculture ...

### 1.1.2 What is the problem?

The problem is that there is no good platform for the eSports community to interact with each other. There are many websites that provide information about eSports but there is no website that allows users to interact with each other ...

### 1.1.3 What is the solution?

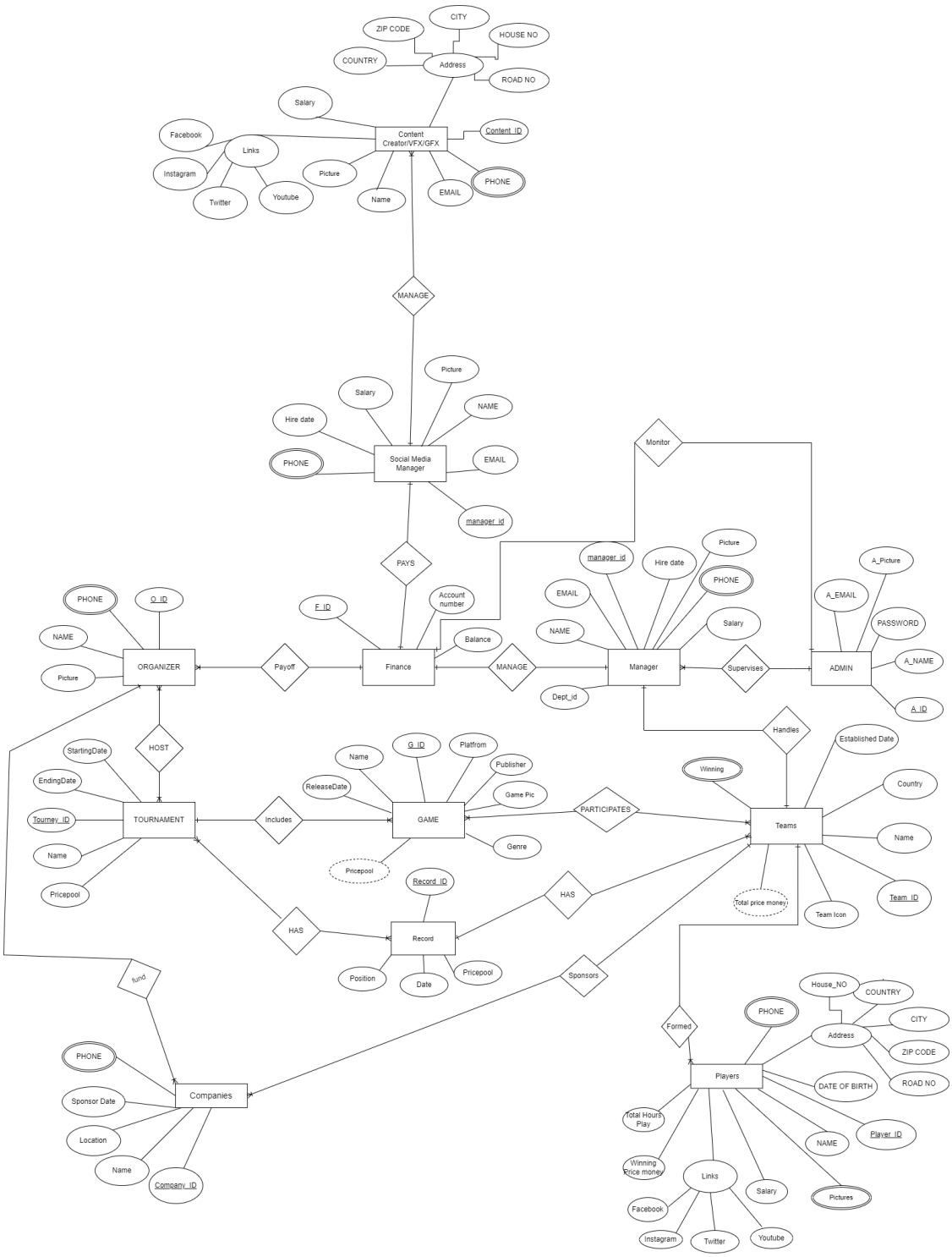
The solution is to create a website that will allow users to create an account and login. The website will allow users to interact with each other. The website will also allow users to create teams and join tournaments.. ...

## 1.2 Project Scenario

E-SPORTS FTW is a website that will allow users to create an account and login. The website will allow users to interact with each other. The website will also allow users to create teams and join tournaments. Teams has a captain and a list of players. Tournaments has a list of teams and a list of games. Games has a list of teams and a list of players. Players has a list of games and a list of teams. The website will allow users to create teams and join tournaments. The website ...

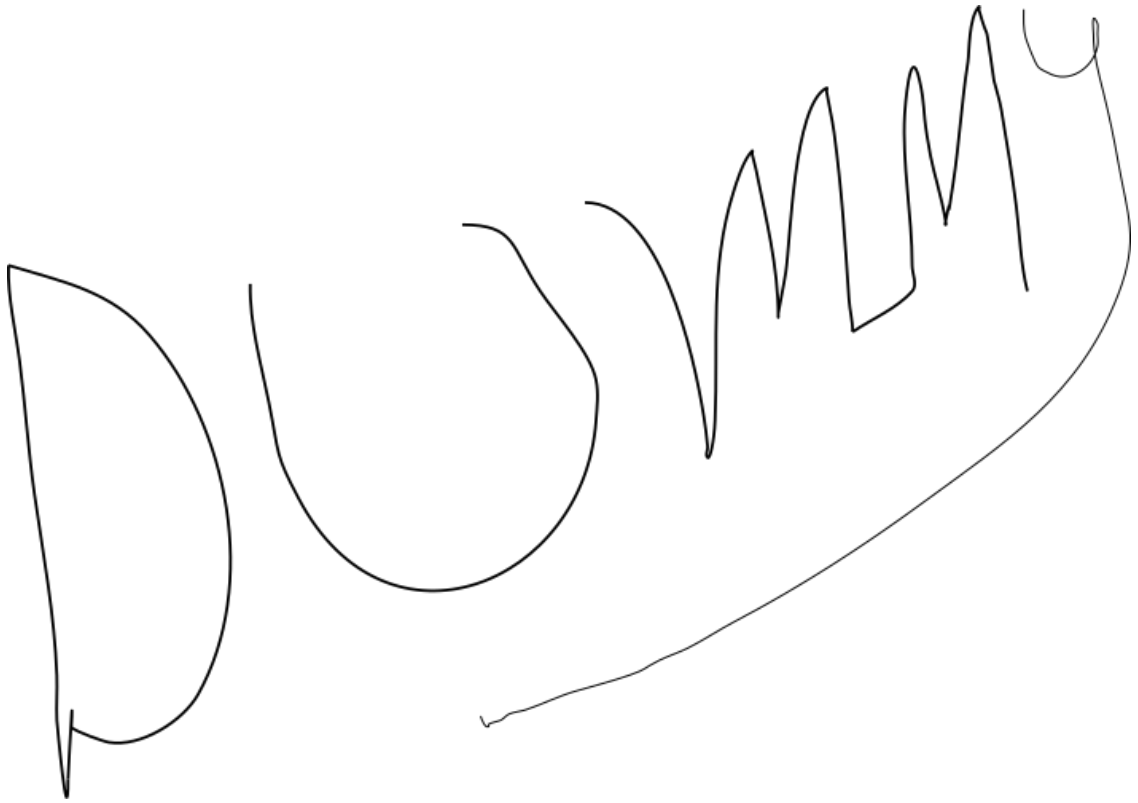
# Diagrams

## 2.1 ER Diagram



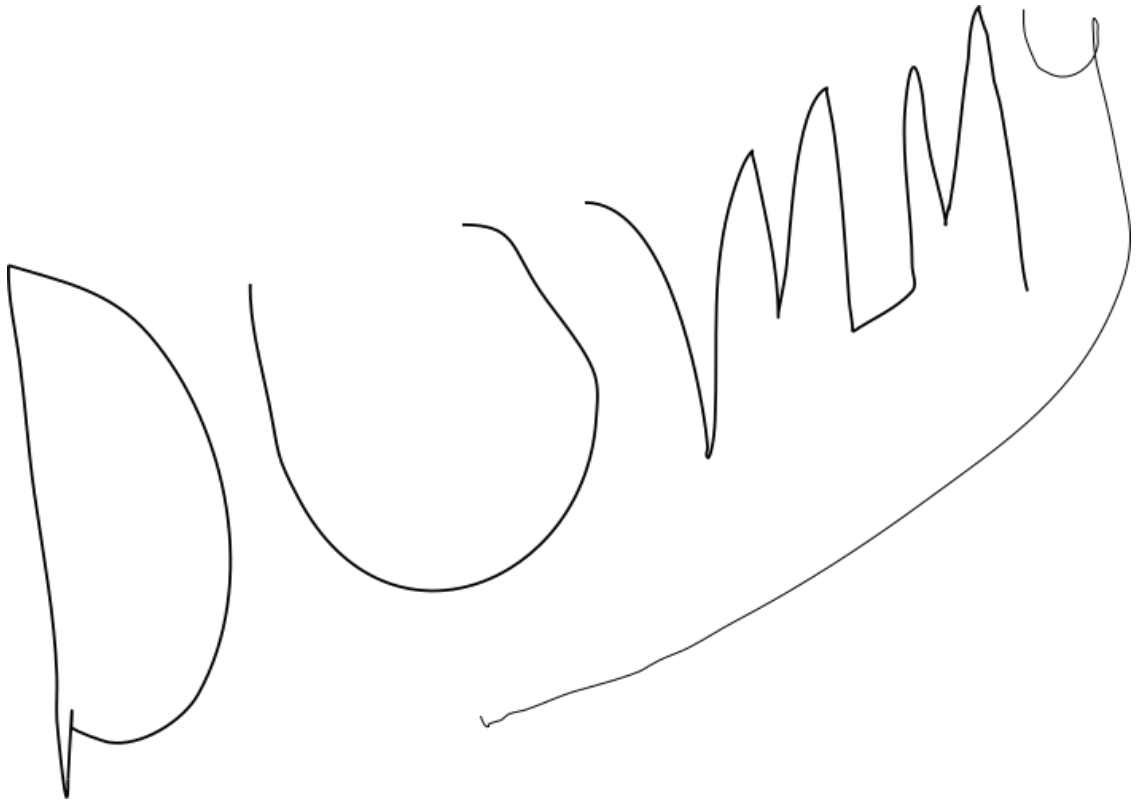

ER Diagram

## 2.2 Class Diagram



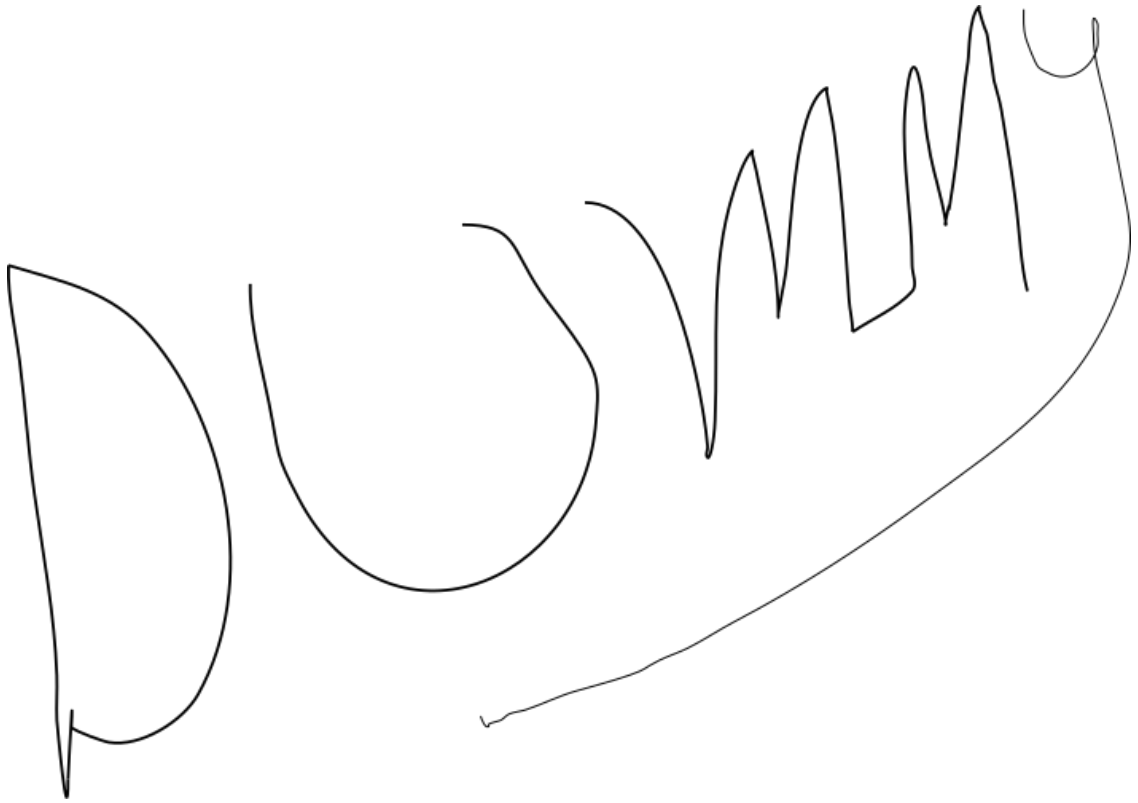
Class Diagram

## 2.3 Use Case Diagram



Use Case Diagram

## 2.4 Activity Diagram



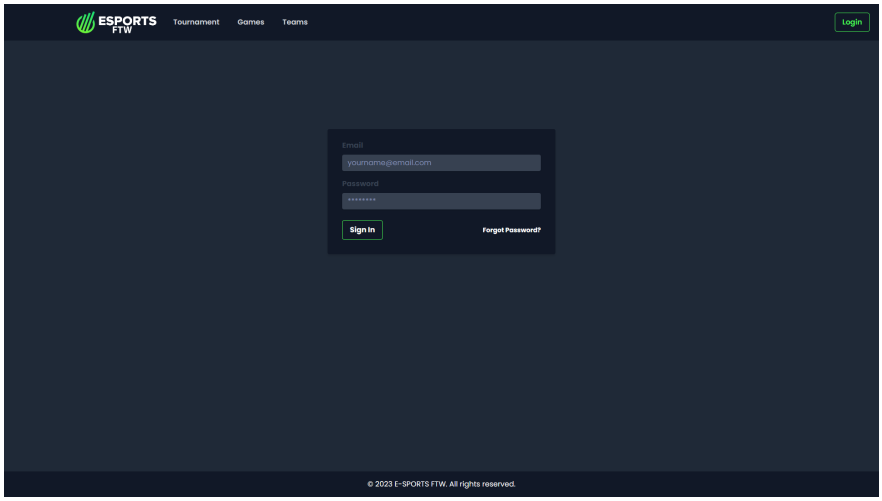
Activity Diagram

# User Interface

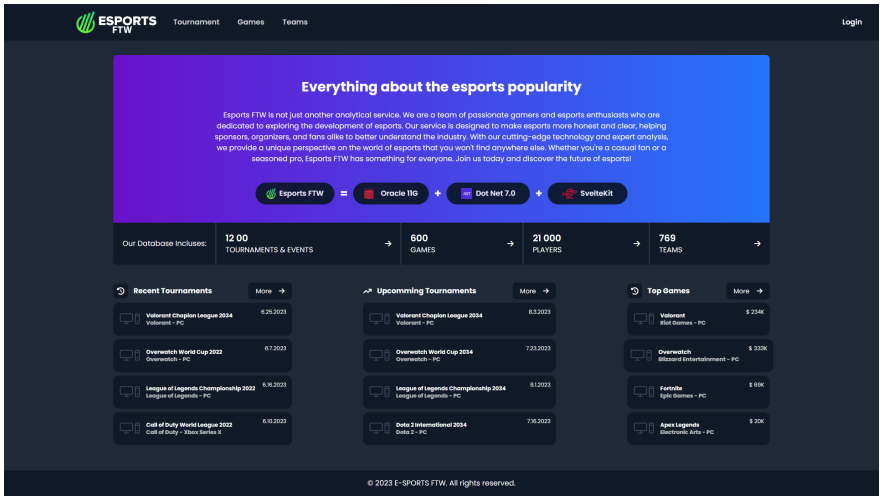
## 3.1 Technologies Used

- SvelteKit
- Tailwind CSS

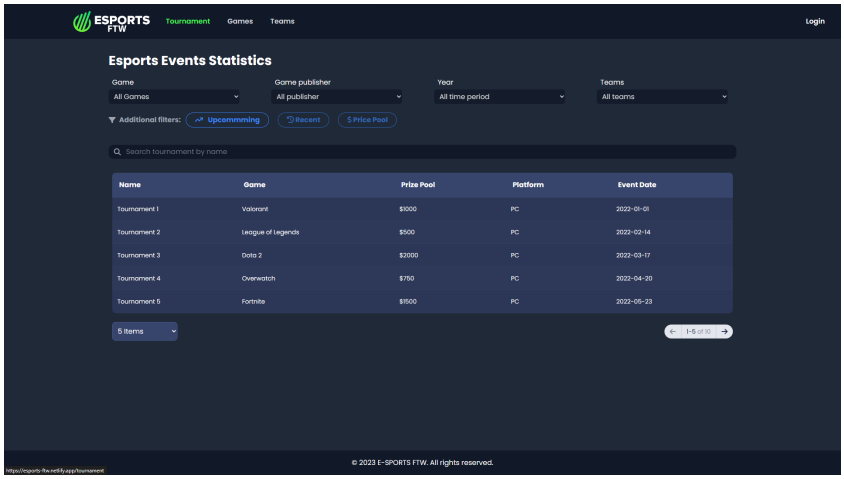
### 3.1.1 Login Page



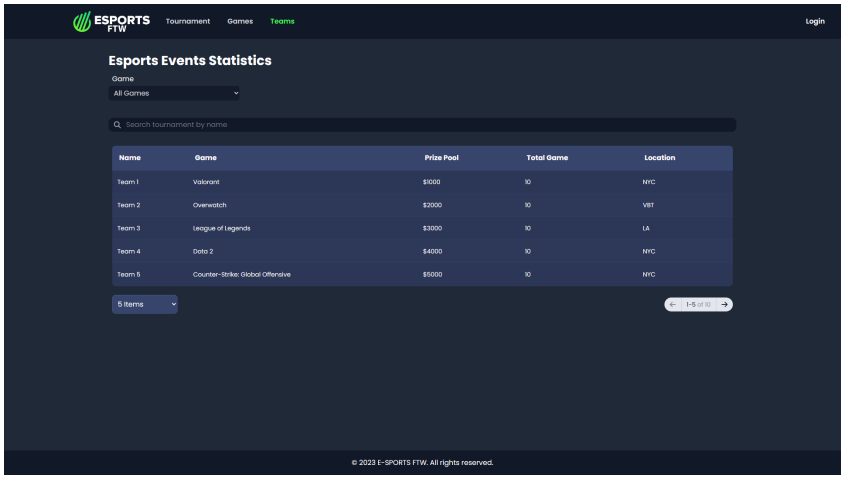

### 3.1.2 Home Page

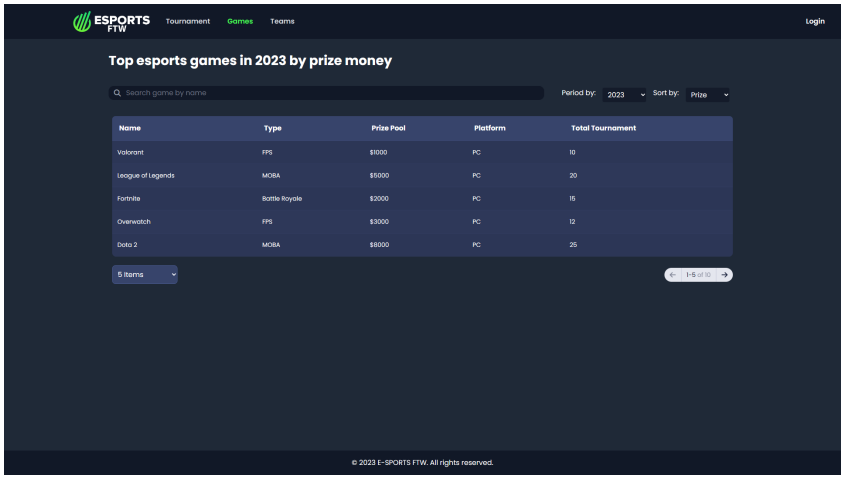


### 3.1.3 Tournament Page




### 3.1.4 Team Page




### 3.1.5 Game Page