A

Project Report

On

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Introduction

A club management system project is that provides and manages various club activities such as members (coach/player) registration, registration for various regular and vacation batches and more. The sports club management system software is a visual basic built system that manages the entire club activities and provides respective functionality for various types of visitors.

This system is built with respect to managing a sports club. It allows admin to update details about the tournament for various activities in the club. The sports club management system is built keeping in mind various daily activities of a sports club and the software automates all these club functionalities for easy operation of the club.

Existing System

In current times sports clubs have their students /players details recorded in file or paper works and also the fees payment will be done with paper work, which leads more difficulty to maintain students/users record and it will need lots of human efforts. There is possibility of human errors in sports club management system.

In the existing sports club management system students/players are not able to get proper information about the games conducted in the club. The students/ player needs to spend more time to get the information about the game they desired.

Our system will overcome all the human errors and record of every student will be maintained in database. This will also overcome mismatch of students/player details.

Proposed System

The system to be proposed or produced is on Sports Club Management System. Admin is one of the users of this system. Admin provides username and password to the members (coach/player). He has the right to add or modify information about the sport and the coaches. Coaches can keep the record of their students by registering their names. There will be details of the students/players including the sports they like to be participated.

All the information will be stored in the database. Next is the entry of tournament. Here depending on the sport, the tournament date and the venue is saved in the database for the further confirmation. Also, a list of players will be displayed and the upcoming tournament will be shown according to the sport.

Hardware and Software Requirements

o Software Requirements:

- Front End: Microsoft Visual Basic 2010 Express
- Back End: Microsoft Access
- Operating System: Windows 7

o Hardware Components:

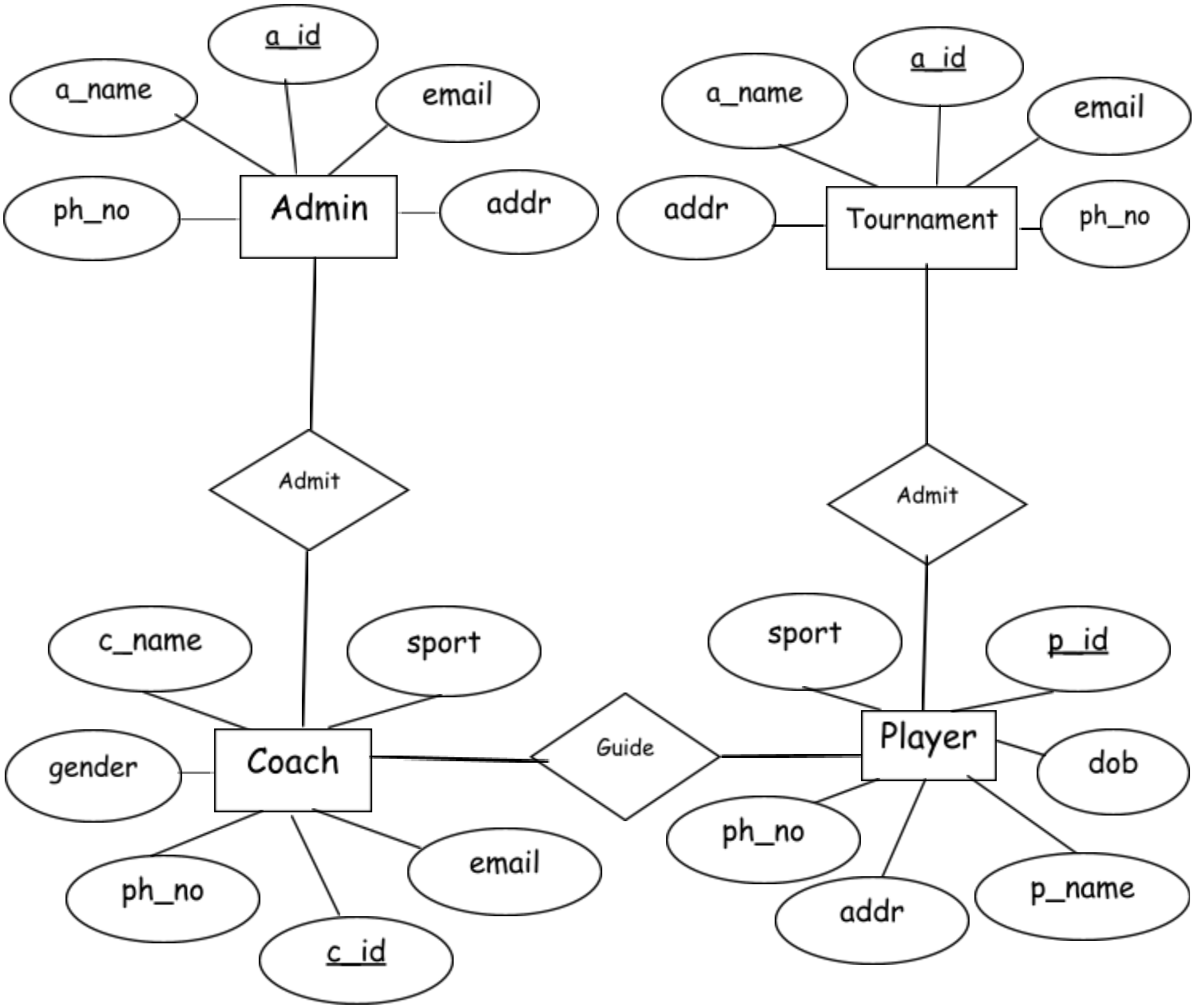
- Hard Disk – 5 GB
- Memory – 1GB RAM
- Processor – Intel core

Designing and Analysis

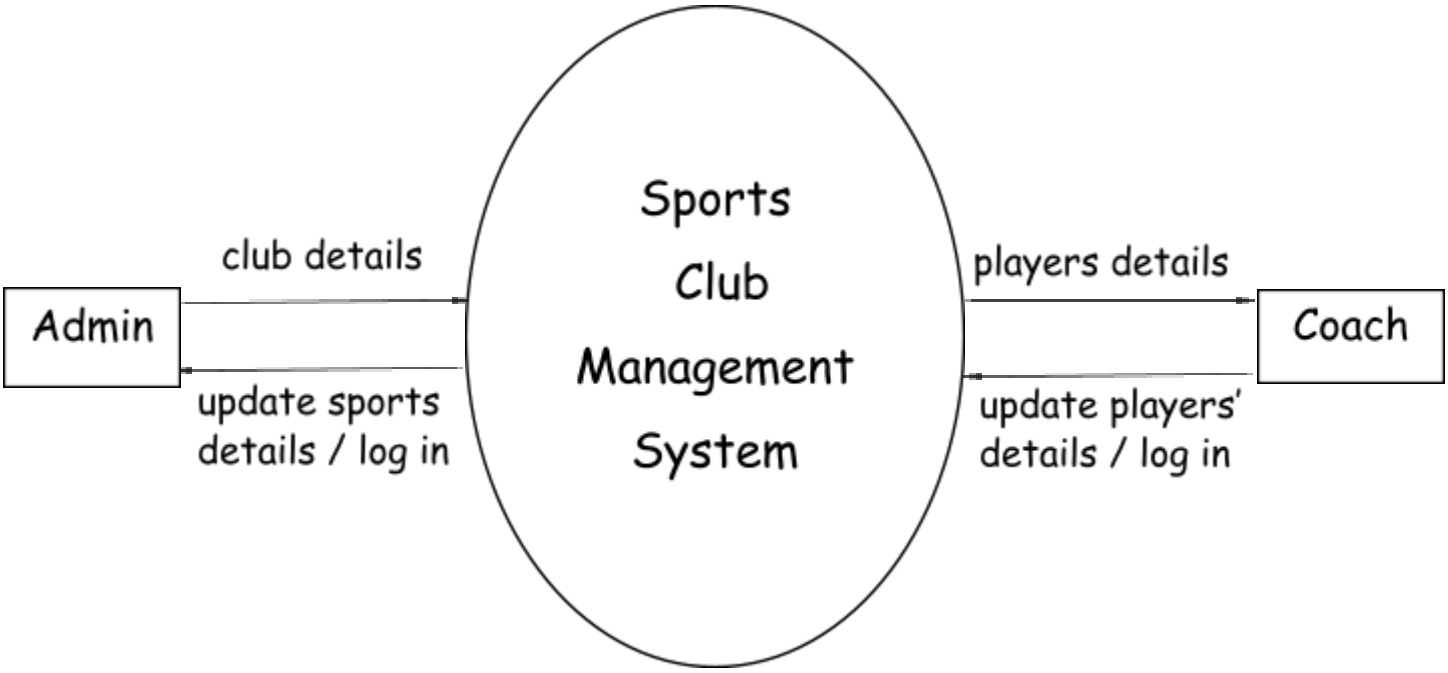
Program designing and analysis is done for recognizing the requirement for our system. There are different methods of analysis our system requirements. They are: -

- ERD (Entity Relationship Diagram)
- DFD (Data Flow Diagram)
- Data Dictionary

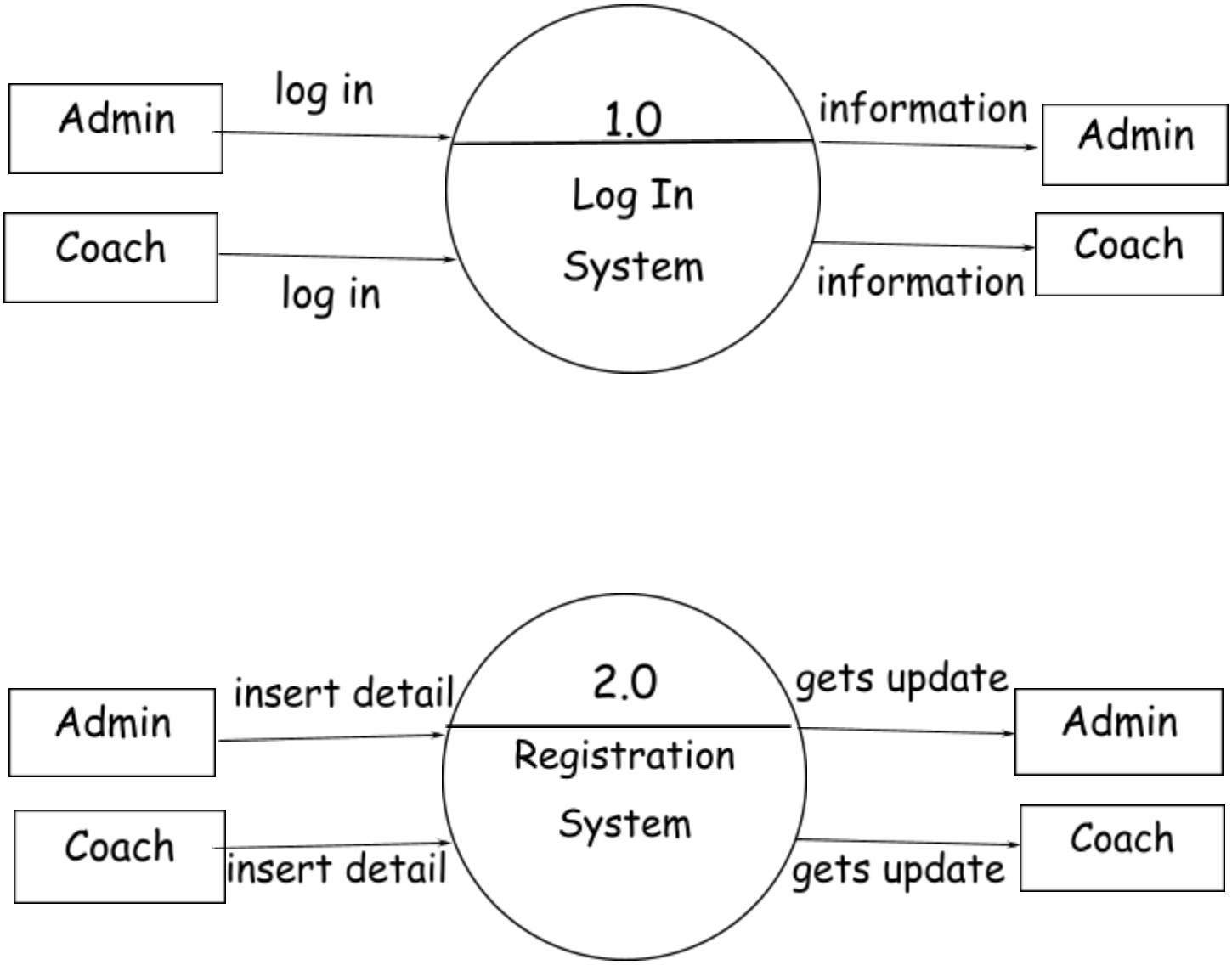
ERD (Entity Relationship Diagram)



DFD (Data Flow Diagram)



Context Level DFD



First Level DFD

Data Dictionary

Admin Table

Field name	Type	Constraint	Description
a_id	varchar	primary key	admin id
a_name	varchar	not null	admin name
ph_no	int	not null	phone number
email	varchar	not null	email address
addr	varchar	not null	admin address

Coach Table

Field name	Type	Constraint	Description
c_id	varchar	primary key	coach id
c_name	varchar	not null	coach name
ph_no	int	not null	phone number
email	varchar	not null	email address
sport	varchar	not null	name of sport
gender	varchar	not null	gender

Player Table

Field name	Type	Constraint	Description
p_id	varchar	primary key	player id
p_name	varchar	not null	player name
addr	varchar	not null	player address
ph_no	int	not null	phone number
dob	varchar	not null	date of birth
sport	varchar	not null	name of sport

Tournament Table

Field name	Type	Constraint	Description
t_date	varchar	not null	date of tournament
t_type	varchar	not null	tournament type
t_level	varchar	not null	tournament level
sport_name	varchar	not null	name of sport
venue	varchar	not null	venue of tournament

Form Design

Homepage:

Log In Page:

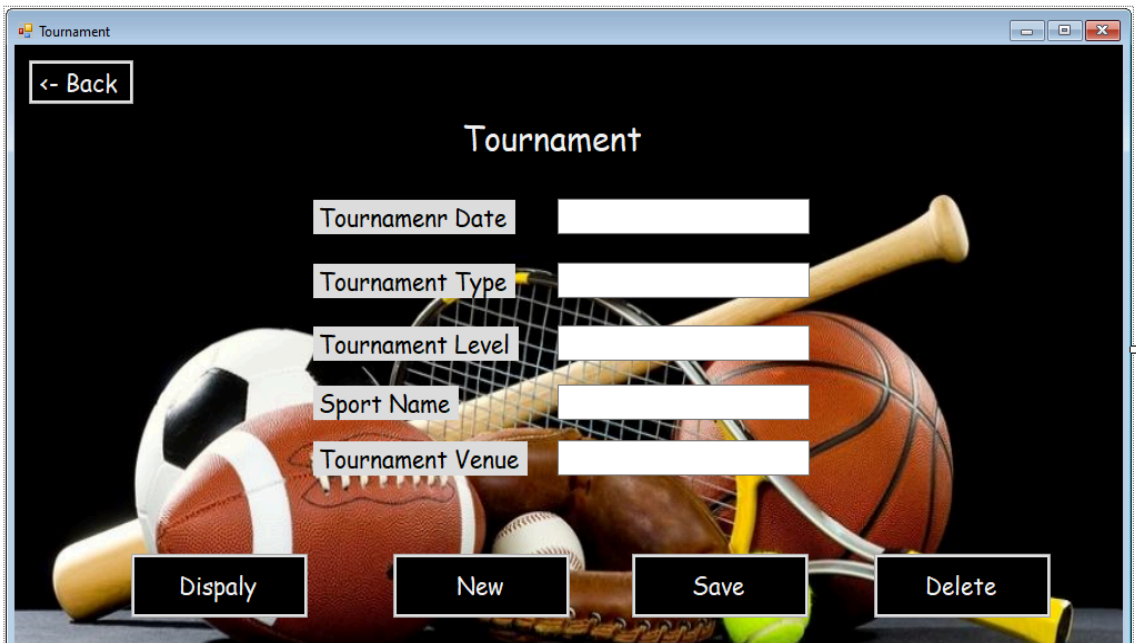
Admin Page:

Coach Page:

Coach Registration Page:

Player Registration Page:

Tournament Page:



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