

ZONAL GAMES MANAGEMENT SYSTEM
FOR
ANNA UNIVERSITY SPORTS BOARD

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report titled “**ZONAL GAMES MANAGEMENT SYSTEM FOR ANNA UNIVERSITY SPORTS BOARD** ” is the bonafide work of **KARTHIKEYAN S(2019272015)** who carried out project work under my supervision. Certified further that to the best of my knowledge and belief, the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or an award was conferred on an earlier occasion on this or any other candidate.

PLACE:CHENNAI

DR.S.SWAMYNATHAN

DATE : 11.05.2022

PROJECT GUIDE

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ABSTRACT

Anna University Sports Board conducts zonal games every year, it is hard to maintain the student data and keep track of old event records. It is a necessity to digitalize and store the data on database or cloud for easier accessibility of records and to keep the data safe. Due to the current manual process, it is hard to keep track of old event and player information, it is hard to verify the eligibility proforma of players who may involve in impersonation.

The Anna University Sports Board ensures the smooth and efficient conduct of Zonal / Inter Zonal tournaments involving all the institutions under Anna University. All the institutions (Constituent / Govt / Govt Aided and Self-Financing) under Anna University are divided into nineteen zones, each zone involving around 25-35 colleges. For Sports and Games under nineteen zones basis. The Zonal tournaments are conducted in all the nineteen zones. Followed by inter-zonal tournaments. The winning team alone will participate in Inter-zonal tournaments. The University team Selection Committee will select the University team based on the performance of players in the Inter-zonal, One zonal basis tournaments. The selected University teams will participate in coaching camps prior to their participation in Inter-University tournaments.

CHAPTER 1

INTRODUCTION

The various sports game categorized under nineteen -zones one zone basis, depending upon the expected participation and infrastructure requirements. The Zonal tournament are followed by Inter-zonal tournaments and selection train for a few games.

1.1 AUSB ACTIVITIES

Communicates to all Zonal Sports Coordinators to initiate action towards the conduct of Zonal & Interzonal sports activities by convening Zonal Sports committee meeting inviting the Physical Directors of various institutions in their zones.

Receives proposal from zonal Sports Coordinators the schedule of zonal sports events. Proposal for the conduct of inter-zonal tournaments along with existing budget allotment of funds for the conduct of zonal /Inter-zonal tournaments.

1.2 SIGNIFICANCE OF ZONAL TOURNAMENTS

Communicates to all Head of Institutions and Physical Directory to prepare the list containing all the sports events likely to be participated to their institutions at zonal/Inter-zonal level and explore the possibility of hosting zonal/Inter-zonal tournaments, based on the sports schedule provided by AUSB.

Convenes the first zonal sports committee meeting of all physical Director in their zone and members of the zonal sports Council to finalize the dates & venue of zonal tournaments, list of willing institutions (one for each game) to host inter-zonal tournaments as per the budged allotted for the conduct of zonal tournaments for making available in the Inter-zonal Sports Committee meeting to be convened by the chairman, Anna University Sports Board.

1.3 ROLE OF GAME COORDINATOR

Zonal Coordinator players list names and game of the event send to the Game Coordinator. Game Coordinator verify player Information and Organize the Event. And Particular Player calculated the score published the Score informed to zonal Coordinator and published.

1.4 OUTCOME OF ZONAL TOURNAMENTS

To organize Zonal and Inter-Zonal tournaments in the recognized games and Sports, towards Selection University Teams. To raise the general standards of Sports and Games towards achievement in Inter-University/National /Inter-National tournaments.

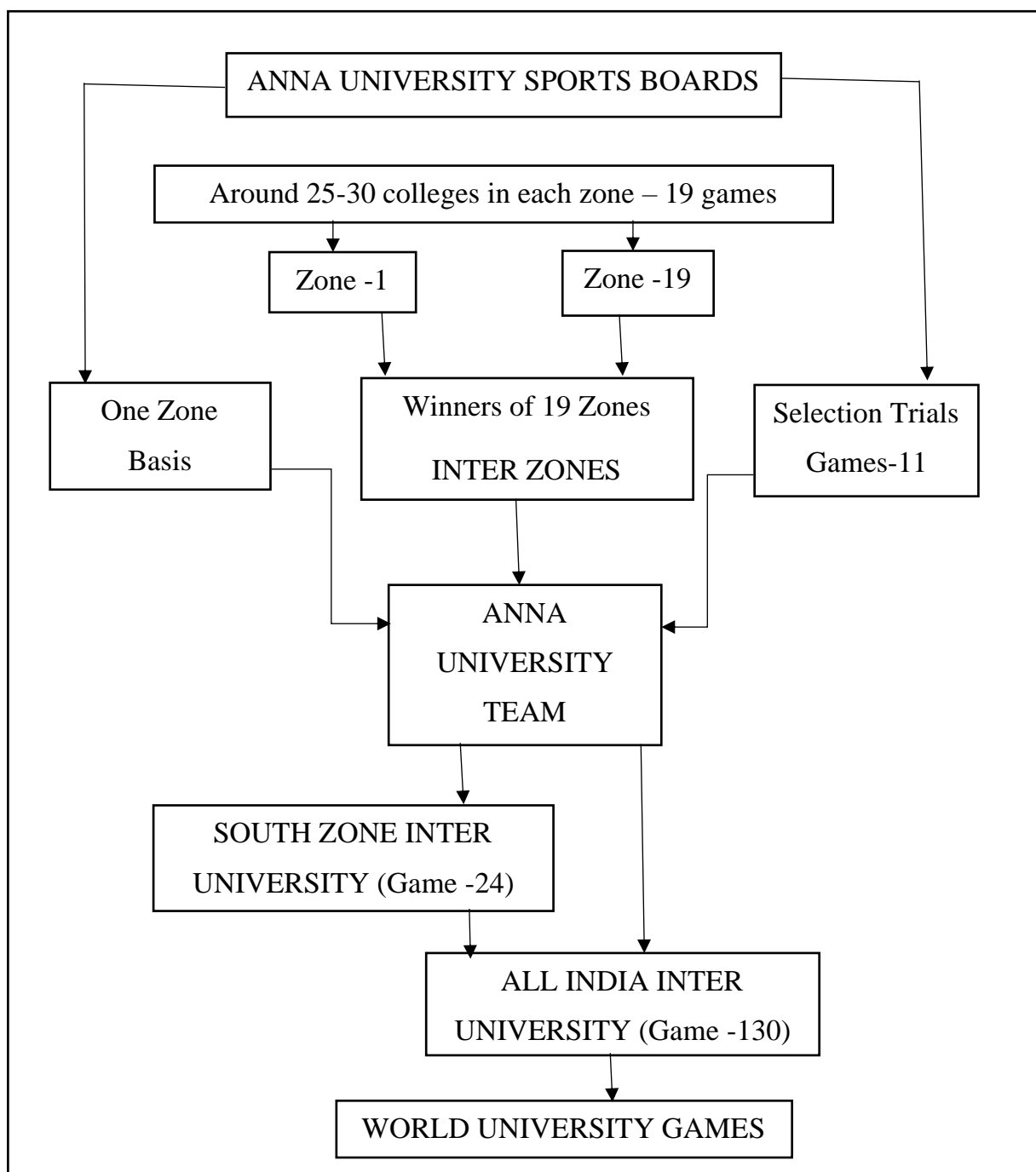
1.5 STACKHOLDERS IN AUSB TOURNAMENTS

Zonal Coordinator, Game Coordinator, Physical Directors all are one of the Stack holders. Circulates the budget provisions sanctioned by AUSB in connection with the conduct of Zonal events. Inform the members of the Zonal-Selection Committee regarding the date venue and event they are entrusted with, their programme and schedule of activities.

CHAPTER 2

LITERATURE SURVEY

2.1 WORKFLOW OF AUSB TOURNAMENTS



2.2 EXISTING SYSTEM

Currently, the process of managing the sports board is file based and manual. These obsolete management system slows down functionality of the zonal events. For example, a new user wants to enrolment me in a training batch he/she has to visit the sport board and fill up the registration form. The form then passes through a hierarchy of Zonal Coordinator before approval. It takes time as well as effort from a user's perspective. This is just a single case. Same problem persists in all the major operation of the Sports board.

2.3 NEED FOR AUTOMATION ZONAL TOURNAMENTS

Student Enrolment our application easy to find out student information and verify zonal Coordinator approve and reject to the application. This digitalize method used. All the information saved database any time check useful.

Zonal Tournaments organized various events and games. Easy to find out player Eligibility performance and score marked to database.

2.4 OBJECTIVE OF PROPOSED SYSTEM

The objective is to build a robust application for managing zonal games by using a set of complex strategies to secure player data and verify player to prevent impersonation and to provide a clean user interface for colleges to enrolment players for various events.

CHAPTER -3

SYSTEM DESIGN

3.1 SYSTEM ARCHITECTURE

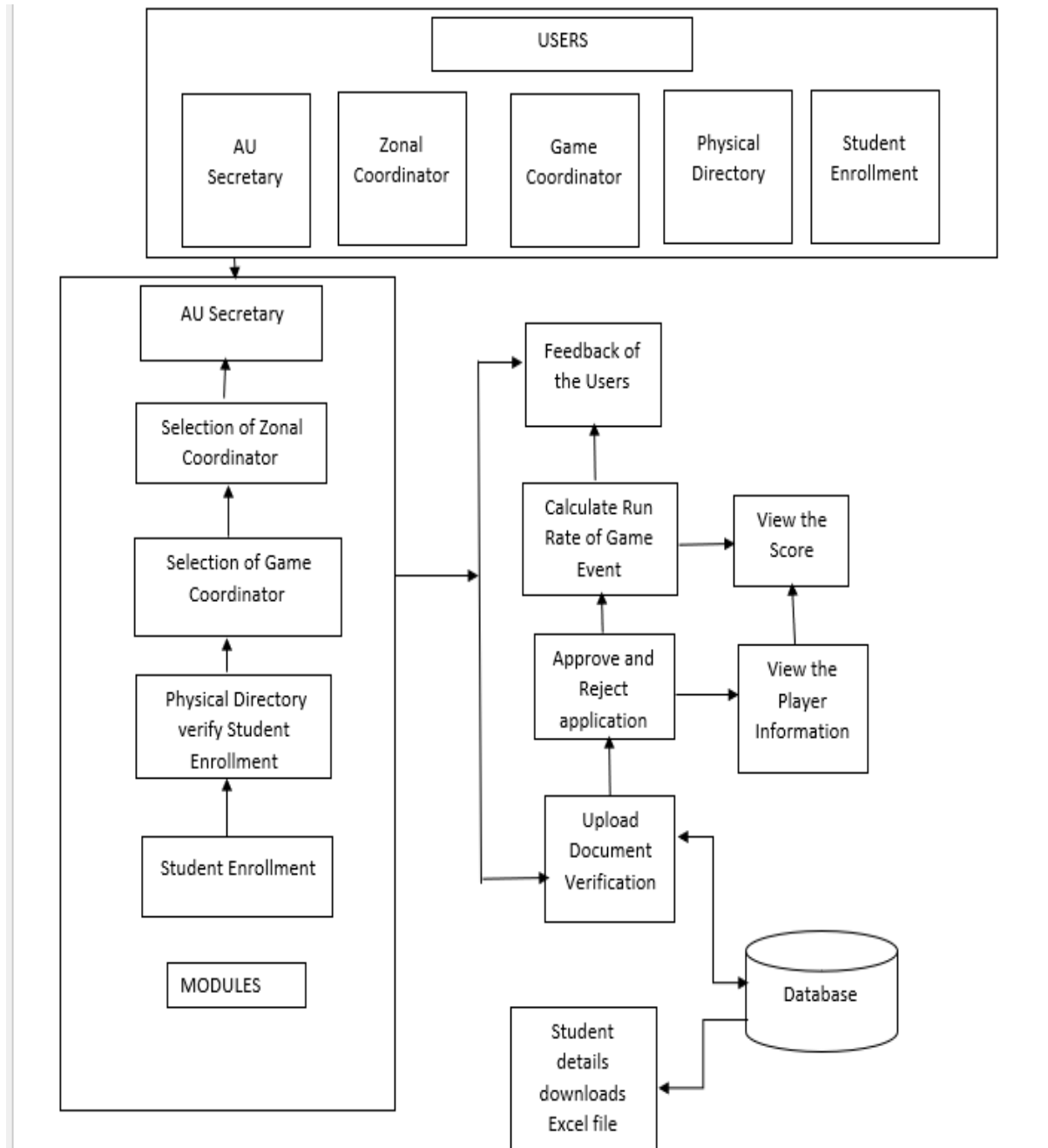


FIGURE 3.1

SYSTEM ARCHITECTUR EXPLANATION

- AU Secretary willingness of Zonal Coordinator.
- Zonal Coordinator Verify the Certificate and Experience to Selected in Game coordinator.
- Zonal Coordinator Student Information and Game of the Event send to the Game Coordinator.
- Game Coordinator Organized the event.
- Game Coordinator Calculate to the Student Run Rate.
- Physical Directory verify student Information.
- Participate student various event winner, runner student the receive Certificate and Medals. (Overall architecture is show in Fig 3.1)

3.2 ZONAL TOURNAMENT MODULE DESCRIPTION

USER

- AU Secretary.
- Zonal Coordinator.
- Game Coordinator.
- Physical Directory of College.
- Student Enrolment

3.2.1 AU SECRETARY

- Get Willingness for Zonal Coordinator apply for the application.
- Selecting of 19 Zonal Coordinator.
- Provide booklet and Finance to zonal coordinator.
- After Completion of Zonal Tournaments Collect Finance Statement, Result Booklet.
- Call for Inter Zonal Activities.
- Selecting Inter Zonal Coordinator for 21 games.
- Booklet and Finance Support.
- Collect Inter Zonal result booklet & Audit Statement.

- Submit to the AU Secretary. (This is flowchart show in Fig 3.2)

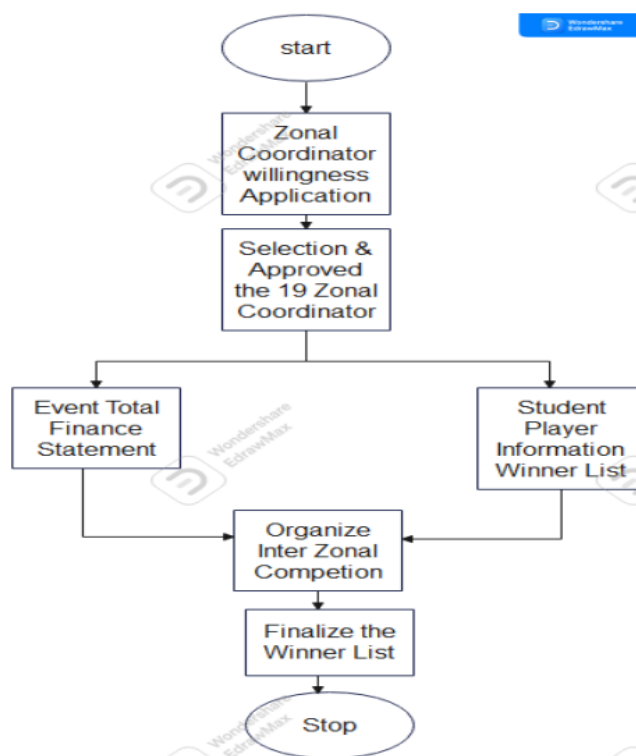


FIGURE 3.2

3.2.2 ZONAL COORDINATOR

- Zonal Coordinator Get Willingness for game Coordinator.
- Selecting 21 game Coordinator.
- Allocating of one Game to One Game Coordinator.
- Allocate Finance For each game.
- Get Result for each game & booklet for game Coordinator.
- Submit Zonal booklet to Secretary.
- Feedback to Game Coordinator to Au Secretary.
- Submit Audit report. (This is flowchart show in Fig 3.3)

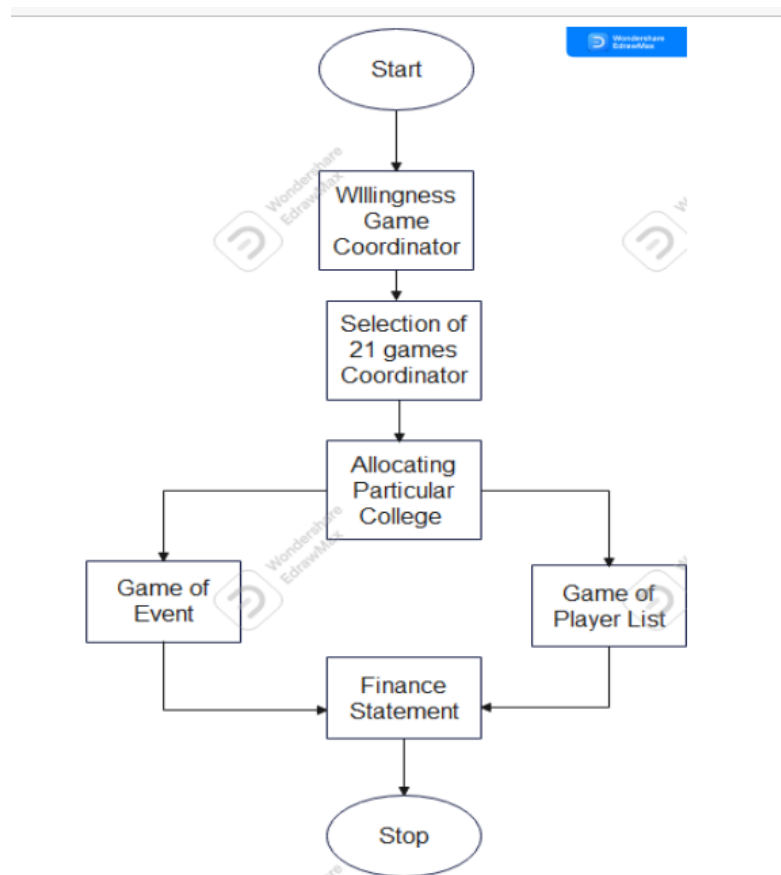


FIGURE 3.3

3.2.3 GAME COORDINATOR

- Game Coordinator Collect each Game, call for Participate List.
- Collect student details Based on Eligibility Proforma application. (profile, Education, Event details and College seal, signature of dean).
- Calculate the player Score.
- Coordinator tournament and declare result.
- Feedback to Game Coordinator to zonal Coordinator.
- Submit to zonal Coordinator & Audit report. (This is flowchart show in Fig 3.4)

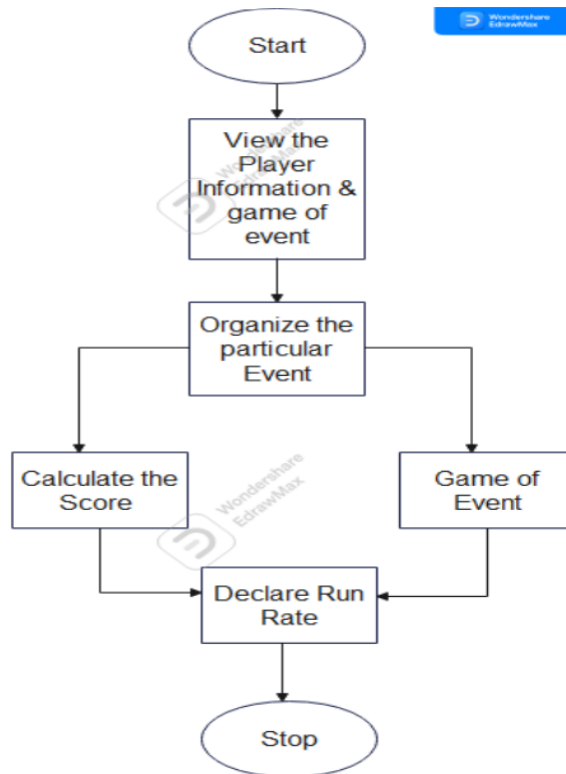


FIGURE 3.4

3.2.4 PHYSICAL DIRECTORY PARTICIPATE COLLEGE

- Upload willingness for games.
- Upload student Enrolment details with authentication.
- Receive medals and certificate (winner, Runner).
- Verify student Details
- Feedback to Game coordinator. (This is flow chart show in Fig 3.5)

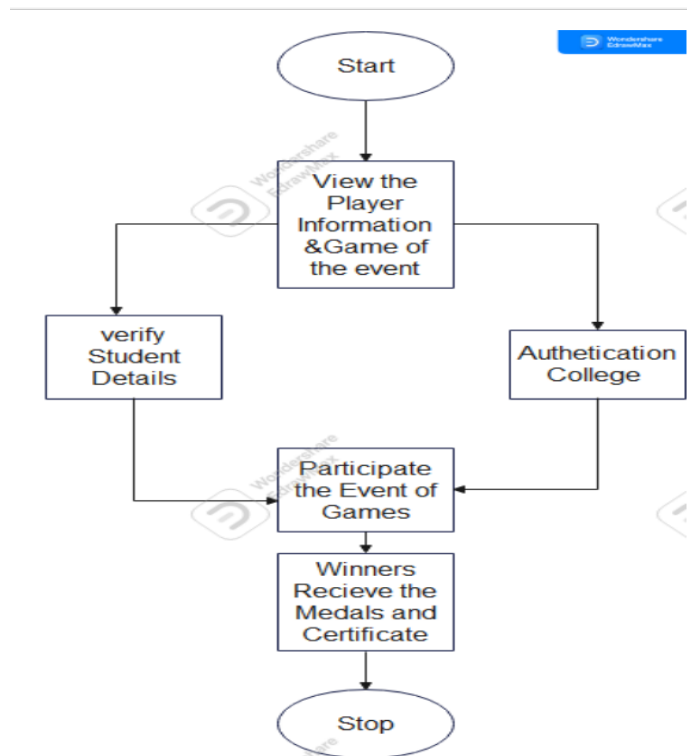


FIGURE 3.5

3.2.5 STUDENT ENROLLMENT

- Student view the available of Games.
- Student Enrolment Information and Updated Successfully to verified.
- Student view our Score of Records. (This is flowchart show in Fig 3.6)

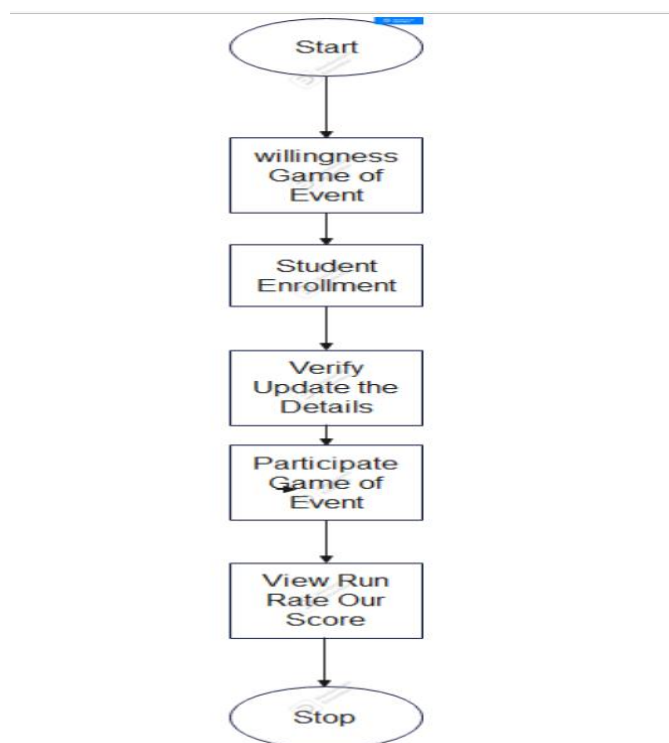


Figure 3.6

3.3 TECHNOLOGIES USED

FRONT END

3.3.1 BOOTSTRAP

Bootstrap is a framework to help you design websites faster and easier. It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels, etc. It also gives you support for JavaScript plugins.

3.3.2 JAVASCRIPT

JavaScript is used by programmers across the world to create dynamic and interactive web content like applications and browsers. JavaScript is so popular that it's the most used programming language in the world, used as a client-side programming language.

BACK END

3.3.3 PHP

PHP (Hypertext Pre-processor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites. It was among the first server side languages that could be embedded into HTML, making it easier to add functionality to web pages without needing to call external files for data. MySQL

3.3.4 DATABASE

MySQL is an opensource relational database management system. For WordPress sites, that means it helps you store all your blog posts, users, plugin information, etc. It stores that information in separate “tables” and connects it with “keys”, which is why it's relational

CHAPTER 4

IMPLEMENTATION

4.1 GMAIL NOTIFICATION

Zonal Coordinator willingness for Register to the application. That application verify Successful send to the Gmail Notification from Users.

4.1.1 PHP MAILER

PHP Mailer is a code library and used to send emails safely and easily via PHP code from a web server. Sending emails directly via PHP code requires a high-level familiarity to SMTP standard protocol and related issues and vulnerabilities about Email injection for spamming. PHP Mailer simplifies the process of sending emails and it is very easy to use.

4.2 QR CODE GENERATION

Students Enrolment our various Event of Games. verify Eligibility Performa and Unique to Generate QR Code our application verified.

4.2.1 QR CODE LIBRARY

- Numeric, Alphanumeric, 8-bit encoding.
- Implemented purely in PHP, no external dependencies except GD2
- Exports to PNG, JPEG images, also exports as bit-table
- TCPDF 2-D barcode API integration
- Easy to configure
- Data cache for calculation speed-up
- Provided merge tool helps deploy library as a one big dependency-less file.
- Debug data dump, error logging, time benchmarking.

4.3 TABLE STRUCTURE

4.3.1 REGISTER

This is show in Fig 4.1 structure of Student Register table.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	name	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	2	age	int(200)		No	None			Change Drop More
<input type="checkbox"/>	3	email	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	4	photo	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	5	id	int(11)		No	None		AUTO_INCREMENT	Change Drop More

Figure 4.1

4.3.2 STUDENT ENROLMENT

PROFILE

This is show in Figure 4.2 structure of Profile table.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(200)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	Fname	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	3	Lname	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	4	Fathername	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	5	Mothername	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	6	Gender	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	7	email	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	8	dob	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	9	age	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	10	address	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	11	phone	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	12	fileToUpload	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	13	sslc	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	14	hsc	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	15	ExamNo	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	Console	akstd	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More

Figure 4.2

4.3.3 STUDENT EVENT

The Fig 4.3 structure of Student Event table.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Eno	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	2	Zno	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	3	Dournment	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	4	uniform	varchar(100)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	5	Event	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	6	status	varchar(200)	utf8mb4_general_ci		No	None		Change Drop More
<input type="checkbox"/>	7	createddate	varchar(100)	utf8mb4_general_ci		No	current_timestamp()		Change Drop More

Figure 4.3

CHAPTER 5

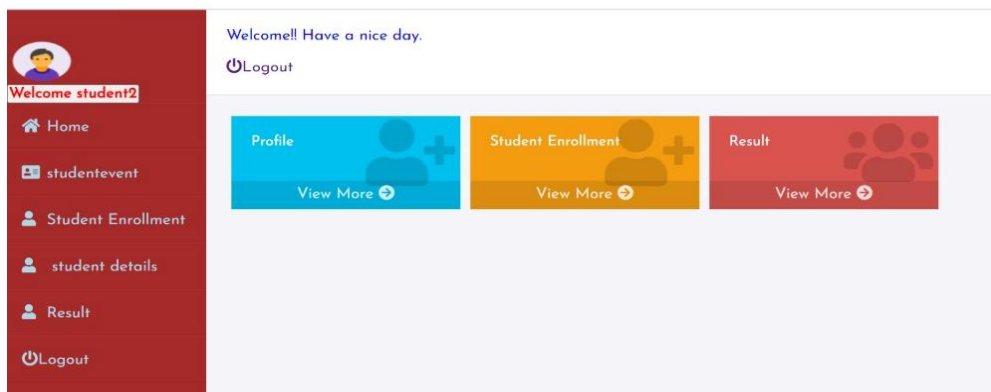
EXPERIMENTAL RESULTS

5.1 STUDENT ENROLMENT

5.1.1 STUDENT LOGIN



5.1.2 STUDENT DASHBOARD



5.1.2.1 PROFILE

The screenshot shows a web application interface with a dark red sidebar on the left containing navigation links: Home, Education, Student Enrollment, Result, and Logout. The main content area has a light gray background. At the top, there is a welcome message 'Welcome!! Have a nice day' and a 'Logout' button. The 'Student Profile' form is displayed, featuring the following fields: First Name (siva), Last Name (k), Father Name (kumar), Mother Name (revathi), Gender (Male), Email (siva@gmail.com), DOB (02-02-1999), Age (23), Address (Gandhi street), and Phone (9383828282). Each field is enclosed in a white box with a light gray border. The form is titled 'Student Profile' with a close button (X) in the top right corner.

5.1.2.2 EDUCATION

The screenshot shows the 'Education' form in a web application. The form is titled 'Education' and contains the following fields: 10th year Passing (25-04-2014), 12th Year Passing (01-04-2016), Anna University Exam No (2019272012), Period Break studied (No), Year Of Admission (10-07-2019), Year Of Completion (30-06-2022), Higher Studied (UG), College Name (ceg), Department Name (cs), and Year (1). Each field is enclosed in a white box with a light gray border. The form is titled 'Education' and has a 'submit' button at the bottom right.

5.1.2.3 EVENT

The screenshot shows the 'Student Event' form in a web application. The form is titled 'Student Event' and contains the following fields: Eno (2019272012), Zno (5), National Tournament (winner), size Uniform (36), and Game Event (Chess). Each field is enclosed in a white box with a light gray border. The form is titled 'Student Event' with a close button (X) in the top right corner. A 'submit' button is located at the bottom right of the form.

INSERT

STUDENT PROFILE

id	First Name	Last Name	Father Name	Mother Name	Gender	Email	DOB	Age	address	Phonenumber
59	prakash	kumar	prabhu	revathi	Male	prakash@gmail.com	2022-04-28	23	street	9821883838
60	prem kumar	s	sathish	premlatha	Male	prem@gmail.com	2003-02-27	19	Anna street	9383831111
61	siva	k	kumar	revathi	Male	siva@gmail.com	1999-02-02	23	Gandhi street	9383828282

STUDENT EVENT

Exam NO	First Name	Last Name	email	phone	College Name	Department Name	Zno	Event	status	Created date
201927201	prakash	kumar	prakash@gmail.com	9821883838	ceg	cs	02	Athletics	Rejected	2022-04-23 11:19:54
20192702	prem kumar	s	prem@gmail.com	9383831111	AC Tech	cs	02	Basket Ball	Rejected	2022-04-23 11:24:01
2019272012	siva	k	siva@gmail.com	9383828282	ceg	cs	5	Chess		2022-04-23 17:00:25

UPDATE

id	First Name	Last Name	Father Name	Mother Name	Gender	Email	DOB	Age	address	Phonenumber
59	prakash	kumar	prabhu	revathi	Male	prakash@gmail.com	2022-04-28	23	street	9821883838
60	prem kumar	s	sathish	premlatha	Male	prem@gmail.com	2003-02-27	19	Anna street	9383831111
61	siva prakash	k	kumar	revathi	Male	siva@gmail.com	1999-02-02	23	Gandhi street	9383828282


DELETE

Phonenumber	Profile	sslc	hsc	ExamNo	Breakstudy	Admission	Completion	Studied	ClgName	Dept_Name	Year	Update	Delete
9821883838		2014-04-05	2016-04-01	201927201	No	2020-07-16	2022-06-06	UG	ceg	cs	1		
9383831111		2015-04-03	2017-04-01	201927202	1	2018-04-13	2022-06-06	UG	AC Tech	cs	1		
9383828282		2014-04-25	2016-04-01	2019272012	No	2019-07-10	2022-06-30	UG	ceg	cs	1		

Phonenumber	Profile	sslc	hsc	ExamNo	Breakstudy	Admission	Completion	Studied	ClgName	Dept_Name	Year	Update	Delete
9821883838		2014-04-05	2016-04-01	201927201	No	2020-07-16	2022-06-06	UG	ceg	cs	1		
9383828282		2014-04-25	2016-04-01	2019272012	No	2019-07-10	2022-06-30	UG	ceg	cs	1		

5.2 ZONAL COORDINATOR

5.2.1 ZONAL DASHBOARD





Welcome zonal04


- Home
- Profile
- Zonal Coordinator
- Student Enrollment
- Student Event
- Game Coordinator
- Profile
- Oranize Event
- Result

Welcome!! Have a nice day.

Logout

Zonal Coordinator


Games Coordinator


Student Enrollment


5.2.2 SEARCH DETAILS

id	First Name	Last Name	Father Name	Mother Name	Gender	Email	DOB	Age	address	Phonenumber	Profile	sslc	hsc	ExamNo	Breakst
60	prem kumar	s	sathish	premlatha	Male	prem@gmail.com	2003-02-27	19	Anna street	9383831111		2015-04-03	2017-04-01	20192702	1

5.2.3 STUDENT EXPORT

id	First Name	Last Name	Father Name	Mother Name	Gender	Email	DOB	Age	address	Phonenumber
59	prakash	kumar	prabhu	revathi	Male	prakash@gmail.com	2022-04-28	23	street	9821883838
60	prem kumar	s	sathish	premlatha	Male	prem@gmail.com	2003-02-27	19	Anna street	9383831111
61	siva	k	kumar	revathi	Male	siva@gmail.com	1999-02-02	23	Gandhi street	9383828282

1	User Id	First Name	Last Name	Father Name	Mother Name	Gender	Email	DOB	Age	Address	Phone	FileToUpld	Sslc	Hsc	Exam No	Breakstd	Admission	Completo	Studied	Clg
2	59	prakash	kumar	prabhu	revathi	Male	prakash@#####		23	street	9.82E+09	profile.jpg	#####	#####	2.02E+08	No	#####	#####	UG	ce
3	60	prem kums		sathish	premlatha	Male	prem@gm#####		19	Anna stre	9.38E+09	profile.jpg	#####	#####	20192702	1	#####	#####	UG	AC
4	61	siva	k	kumar	revathi	Male	siva@gma#####		23	Gandhi str	9.38E+09	profile.jpg	#####	#####	2.02E+09	No	#####	#####	UG	ce
5																				

5.2.4 STUDENT ENROLMENT (APPROVE /REJECT)

student Dashboard												
<div> <div>Q</div> <input type="text" value="Search..."/> </div>												
Exam NO	First Name	Last Name	email	phone	College Name	Department Name	Zno	Event	status	Created date	Approved/Rejected	
201927201	prakash	kumar	prakash@gmail.com	9821883838	ceg	cs	02	Athletics	Rejected	2022-04-23 11:19:54	Approve	Reject
2019272012	siva prakash	k	siva@gmail.com	9383828282	ceg	cs	5	Chess	Approved	2022-04-23 17:00:25	Approve	Reject

REFERENCES

<https://www.w3schools.com/php/>

https://www.w3schools.com/php/php_mysql_select.asp

<https://netcorecloud.com/tutorials/send-an-email-via-gmail-smtp-server-using-php/>