A

SUMMER INTERNSHIP PROJECT REPORT

ON

"UNIVERSITY EVENT CALENDAR AND EVENT NOTIFIER SYSTEM"

As A Partial Fulfilment Requirement for the award of Degree of

MASTER OF COMPUTER APPLICATION

[M.C.A]

Submitted to

MIT-WPU SCHOOL OF COMPUTER SCIENCE, PUNE

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ACKNOWLEDGEMENT

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We are thankful to faculty of the institute for their constant guidance not only during training period but also throughout college career.

Finally, we are thankful to all the individuals whose names are not included here. All of these have made our project a success.

Thanks to All.

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INTRODUCTION

About eVentes:

University Event Calendar and Event Notifier System (eVentes) is a web application developed for Universities facing many problems regarding event related issues.

The main Objective of this project is to help Universities manage the event related issues like:

Club Duplication: This problem refers to some unnecessary club formation which will perform same tasks which were already handled by some other clubs in the university. To handle this issue, our web application will provide a registration form and only on the approval of admin the club will be formed.

Time clash: This problem refers to events happening on the same date and time and if the venue also clashes it becomes a mess to handle at that particular moment. The web application will notify about the event organized at particular date time and location.

Many times for Big Universities like MIT WPU there are many courses so many of the students are unaware of ample of clubs and events organized by other courses due to this, club member have to visit classes to promote the events which becomes a very hectic task, so this web application will also help students to get notified about a particular event organized by particular club of any branch.

Many Times the winner of any particular event be it be a college level or Inter College level doesn't get the credits so, the website will also display the achievements of that particular event winner.

The web application will maintain a student database so that the student just has to login once registered for any other "club join "or "event participation". This reduces the all-time manual data gathering and also the results of a particular event can be notified on the web application.

Project Profile:

Project Title	: University event calendar and event notifier system
Front End	: JavaScript, AJAX, JQuery, CSS, HTML, Bootstrap
Framework	: Django
Back End	: Python
Database	: PostgreSQL
Tools used for DFD	: www.draw.io
Operating System	: Windows 10 Home Single Language (64 bits)
Submitted to	: MIT-WPU School of Computer Science, Pune
Developed by	: 1) Shastri Viral 2) Mithaiwala Akshit 3) Jagtap Shrushti 4) Mourya Rajan 5) Tayyeb Abdul 6) Porwal Tushar

TOOLS AND ENVIRONMENT

Hardware and Software Requirements:

- ## For Admin

Software	Visual Studio Code, Python, Django
Web Browser	Google Chrome, Mozilla Firefox
Database	PostgreSQL
Operating System	Windows 10
Microprocessor	Any but latest is good for performance
Memory	2 GB
Hard Disk Space	Minimum 1 GB

- ## For User

Web Browser	Google Chrome, Mozilla Firefox
Database	PostgreSQL
Operating System	Linux, Windows XP, Windows 2007, Windows Vista, Windows 2008, Windows 10
Microprocessor	Any but latest is good for performance
Memory	Minimum 512 MB
Hard Disk Space	Minimum 1 GB

Tools and Environment used:

- **Front End**
  - HTML 5
  - CSS 3
  - Bootstrap 4
  - JavaScript
  - JQuery

- **Back End**
  - Python
  - Django
  - PostgreSQL

- **Dependencies**
  - University Database
  - Web Server

ANALYSIS REPORT

Proposed System:

Our Proposed System states that an automated event management and club creation module takes place.

The user module will include the registration and login formalities and after the student has successfully logged in they can participate in any event by registering in that specific event and, if it is a paid event then they will be redirected to the payment gateway and once the payment is successful they will be redirected to that event participation details.

Through this web application the upcoming and ongoing event dates will also be displayed through the event notifier calendar so that students are aware about the events so, that the event organizers don't have to visit classes for their promotions.

As the event dates are displayed on the calendar there won't be any clash of the events so, it will reflect in an effective time management regarding all the events as the web application will display all the details of the events organized by the clubs. In this way the students will get the information regarding all the ongoing and upcoming events. The application will also display the details of the new clubs formed.

The web application will also include the club module through which the club members can handle all the activities regarding their clubs.

The club creation takes place only when the new club to be formed is registered and approved by the sub-admin which will prevent from duplication of clubs who will perform same tasks which are already handled by existing clubs.

Along with the information regarding the events and clubs all the registered users will also get the results of those events in which they have participated in through their registered email-id.

Table structure of eVentes:

- **List of Tables**
    - Admin Table
    - Student Table
    - Department Table
    - Sub Department Table
    - Employee Table
    - Club Table
    - Event Table
    - Achievement Table
    - Payment Table
    - Club Member Table
    - Achiever Table

1. Admin Table

Field Name	Type	Constraint	Description
AdminId	Int	Primary Key	Unique and Not NULL
AdminUserName	Varchar	-	Admin name
AdminPassword	Varchar	-	Admin password
AdminType	Varchar	-	Admin type
EmployeeId	Int	Foreign Key	Employee id from Employee table
Status	Boolean	-	Active / Not Active

2. Student Table

Field Name	Type	Constraint	Description
StudentId	Int	Primary Key	Unique and Not NULL
StudentName	Varchar	-	Student name
StudentPassword	Varchar	-	Student password
SubDepartmentName	Varchar	Foreign Key	Sub department name from sub department table
DepartmentName	Varchar	Foreign Key	Department name from Department table
StudentDateOfReg	TimeStamp	-	Current date and time for registration
StudentDateOfComp	TimeStamp	-	
Gender	Varchar	-	Student gender
StudentImage	Varchar	-	Student image url
StudentImageName	Varchar	-	Student image name
StundentPhoneNo	BigInt	-	Student phone no
StudentEmail	Varchar	-	Student email
StudentAddress	Text	-	Student address
City	Varchar	-	Student city
Status	Boolean	-	Approve / Pending

3. Department Table

Field Name	Type	Constraint	Description
DepartmentName	Varchar	Primary Key	Unique and Not NULL

4. Sub Department Table

Field Name	Type	Constraint	Description
SubDepartmentName	Varchar	Primary Key	Unique and Not NULL
DepartmentName	Varchar	Foreign Key	Department name from Department table

5. Employee Table

Field Name	Type	Constraint	Description
EmpolyeeId	Int	Primary Key	Unique and Not NULL
EmpolyeeName	Varchar	-	Employee name
EmpolyeeUserName	Varchar	-	Employee user name
EmpolyeePassword	Varchar	-	Employee password
SubDepartmentName	Varchar	Foreign Key	Sub department name from sub department table
DepartmentName	Varchar	Foreign Key	Department name from Department table
City	Varchar	-	Current date and time for registration
Status	Boolean	-	Approve / Pending
Gender	Varchar	-	Student gender
StudentImage	Varchar	-	Employee image url
StudentImageName	Varchar	-	Employee image name
StundentPhoneNo	BigInt	-	Employee phone no
StudentEmail	Varchar	-	Employee email
StudentAddress	Text	-	Employee address

6. Club Table

Field Name	Type	Constraint	Description
ClubName	Varchar	Primary Key	Unique and Not NULL
ClubType	Varchar	-	Club type
DepartmentName	Varchar	Foreign Key	Department name from Department table
ClubStatus	Boolean	-	Approve / Pending
ClubApproval	Boolean	-	Approve / Pending

ClubImage	Varchar	-	Club image url
ClubImageName	Varchar	-	Club image name

7. Event Table

Field Name	Type	Constraint	Description
EventId	Int	Primary Key	Unique and Not NULL
EventName	Varchar	-	Event name
ClubName	Varchar	Foreign Key	Club name from Club table
EventType	Varchar	-	Event type
EventEligibility	Boolean	-	Free / Paid
EventStatus	Boolean	-	Approve / Pending
EventApproval	Boolean	-	Approve / Pending
EventStartDate	DateTime	-	Starting date and time of event
EventEndDate	DateTime	-	Ending date and time of event
EventDescription	Text	-	Event Description
RegistrationAmount	BigInt	-	Event fees

8. Achievement Table

Field Name	Type	Constraint	Description
AchievementId	Int	Primary Key	Unique and Not NULL
AchievementName	Varchar	-	Achievement name
SubDepartmentName	Varchar	Foreign Key	Sub department name from sub department table
DepartmentName	Varchar	Foreign Key	Department name from Department table
AchievementDescription	Text	-	Achievement Description

9. Club Member Table

Field Name	Type	Constraint	Description
ClubName	Varchar	-	Club name
StudentId	Int	Foreign Key	Student id from student table
MemberRole	Varchar	-	Student role in club

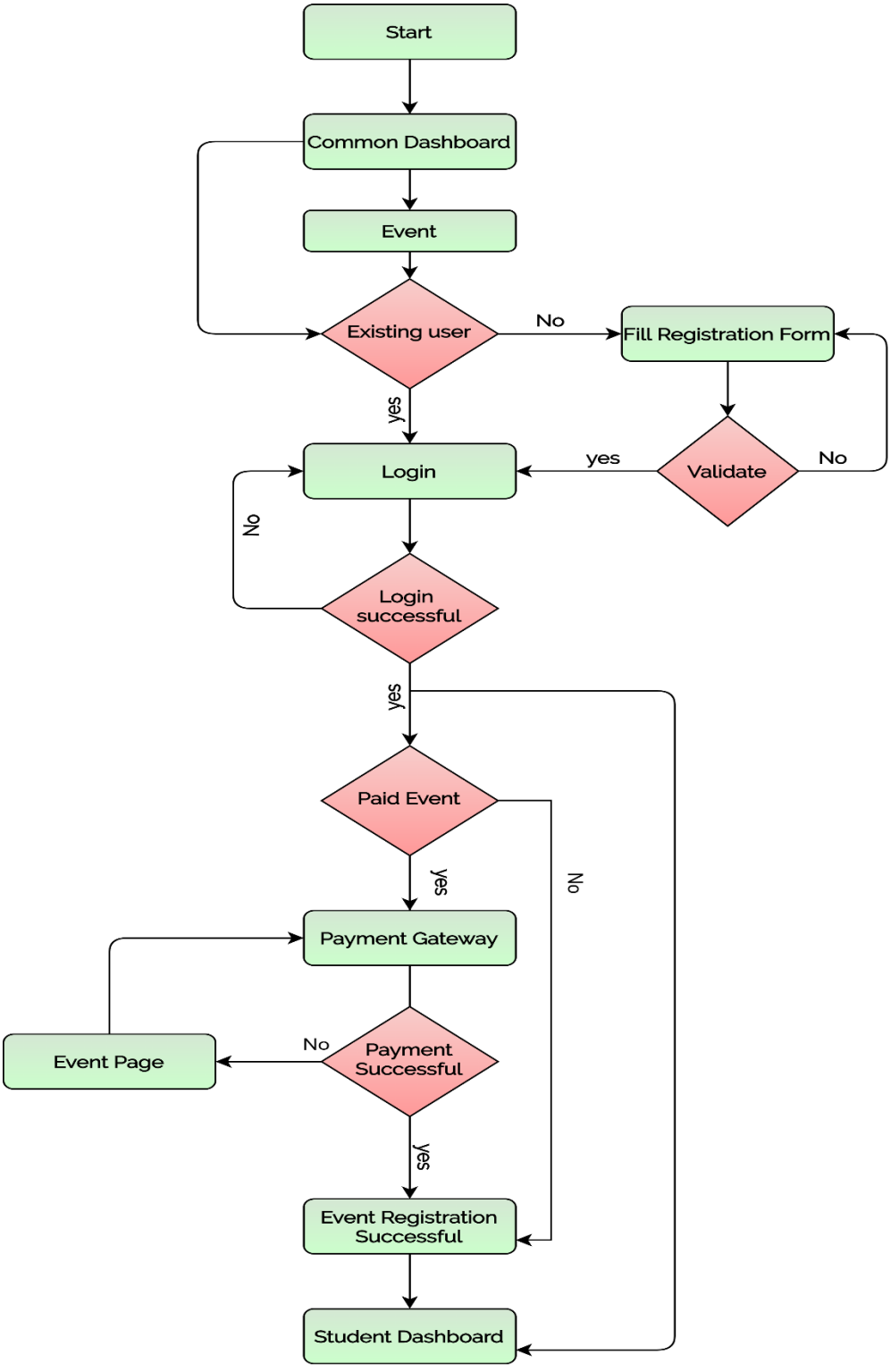
10. Achiever Table

Field Name	Type	Constraint	Description
AchievementId	Int	Foreign Key	Achievement id from Achievement table
StudentId	Int	Foreign Key	Student id from student table
MemberRole	Varchar	-	Student role in club

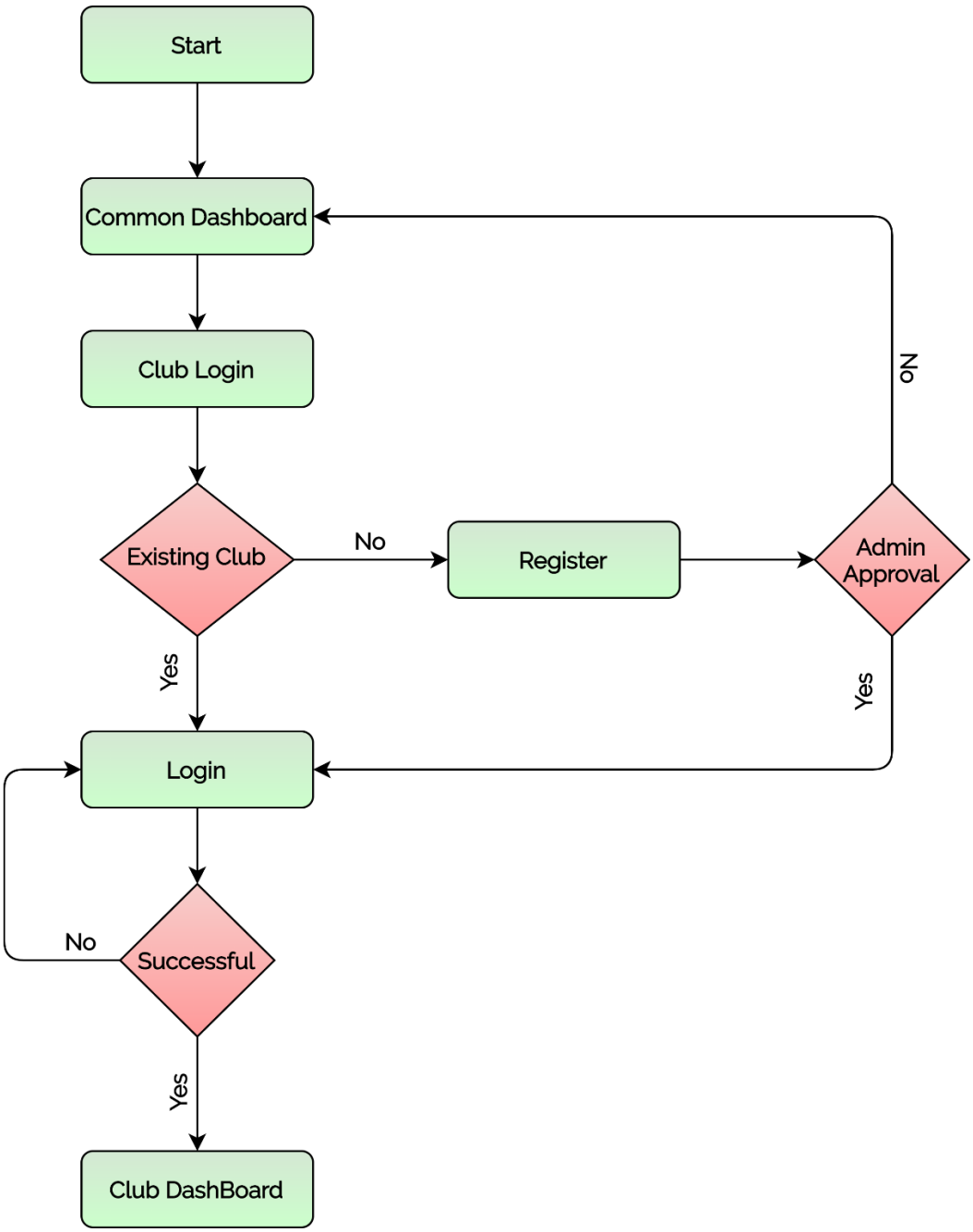
DESIGN REPORT

Control Flow System:

- **User Module**



- **Club Module**


Start
Common Dashboard
Club Login
Existing Club
No
Register
Admin Approval
No
Yes
Yes
Login
No
Successful
Yes
Club DashBoard

Use Case Diagram: