Sample Report

ABSTRACT

💡 The project entitled as – “ICTAK WEBSITE” , is a project developed under the platform of Windows, ANGULAR as front-end, NODEJS as back-end and MongoDb as Database. The ICTAK-WEBSITE is a web-based application which is helpful for users as well as the ICTAK authorities. The main objective of this system is to design or develop a software portal for ICTAK for maintaining course details, user information, company memberships and collaboration systems. Users can use this system from anywhere to find out about the details of the courses provided and register for the same. The system allows ICTAK faculty to share relevant Course details, as well as to send email notifications to users. It consists of a Super Admin login along with Admin login.

Admin may add courses, events, offerings, memberships etc. of respected departments through their assigned login. Here users can only view the data and register themselves. The project is developed for automating the complete operations of the ICTAK Courses and users and the outputs produced by the system are concise. The success of the system largely depends on how clearly the problem is defined, investigated and properly carried out through the choice of solution.

INTRODUCTION

As technology advances , the internet is becoming ever popular. Website has become an essential part. Often websites of an institution are used as major requirements to rate it.Thus having a website is essential for any major organization.On this project we will develop ICTAK-WEBSITE. It is a web-based dynamic application which is helpful for users as well as the ICTAK authorities.The SuperAdmin has the control over the website.The admin has privilege only to the pages assigned by superadmin. The user can view the pages and register themselves.

PROJECT OBJECTIVE

The main objective of this system is to design or develop a software portal for ICTAK for maintaining course details, user information, company memberships and collaboration systems. Users can use this system from anywhere to find out about the details of the courses provided and register for the same. The system allows ICTAK faculty to share relevant Course

details, as well as to send email notifications to users. It consists of a Super Admin login along with Admin login.

TEAM MEMBERS

@Akhiljp

@Jeslin Jayan Varghese

@Sandeep S Anand

@Manujacob T

@Aneesha MS

MODULE DESCRIPTION

This project contains three modules:

1. SuperAdmin Module
2. Admin Module
3. User Module

SuperAdmin Module

- Login
- Admin Panel
- Add new Courses,Events,Staffs,Admin,Testimonial.
- Update/Delete Course.Events,Staffs,Admin,Testimonial
- View Course,Events,Staffs,Admin,Testimonial,Membership lists,Partnership Members list and course registered users list

Admin Module

- Login
- Admin has privilege over the pages assigned by SuperAdmin

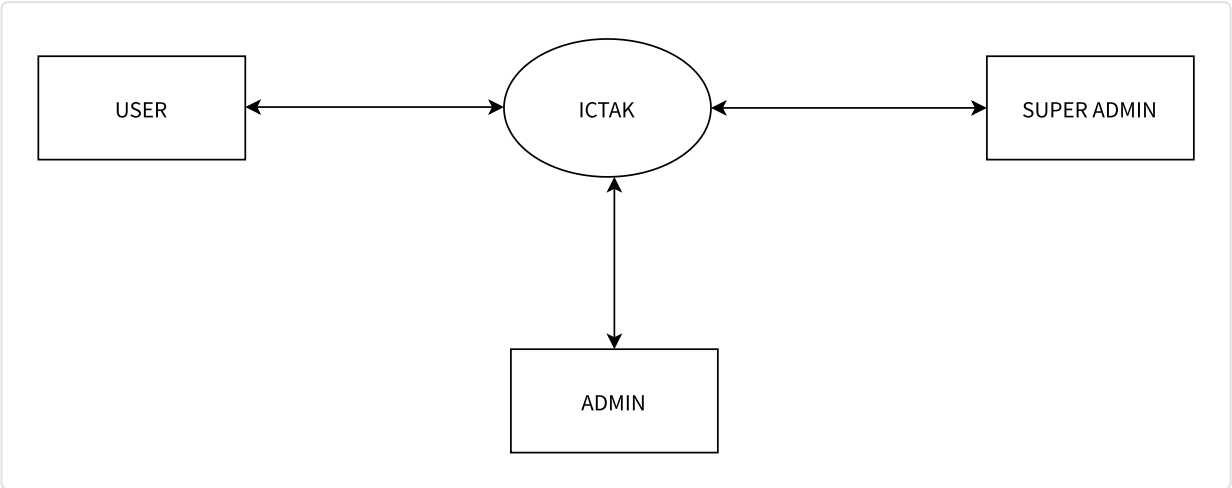
User Module

- Login
- Home Page
- About US Page
- View details about courses and Events
- Enroll for Course and Events
- Membership and partnership registration

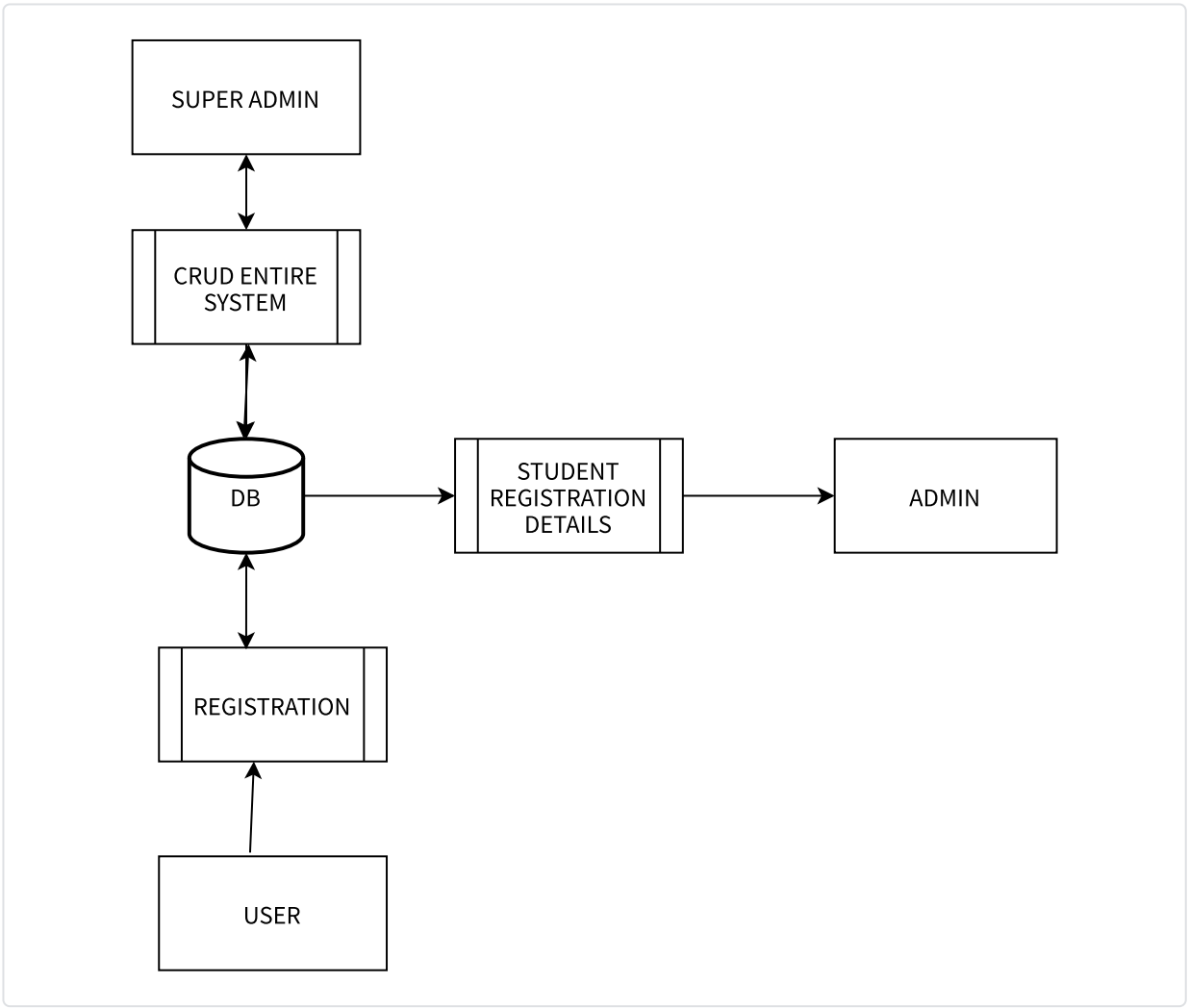
- Paatsaala
- Contact Us Page

DATA FLOW DIAGRAM

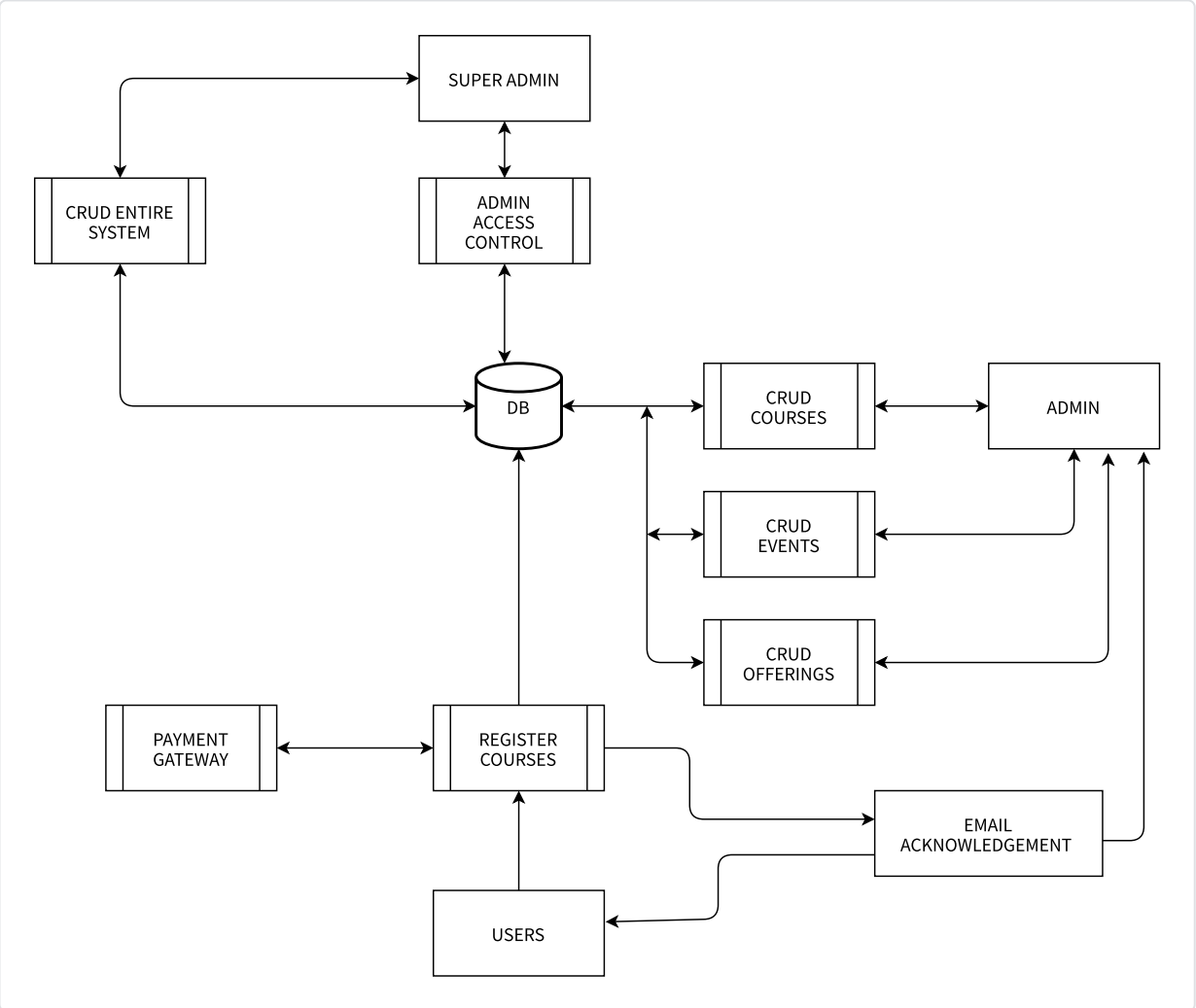
LEVEL 0



LEVEL 1

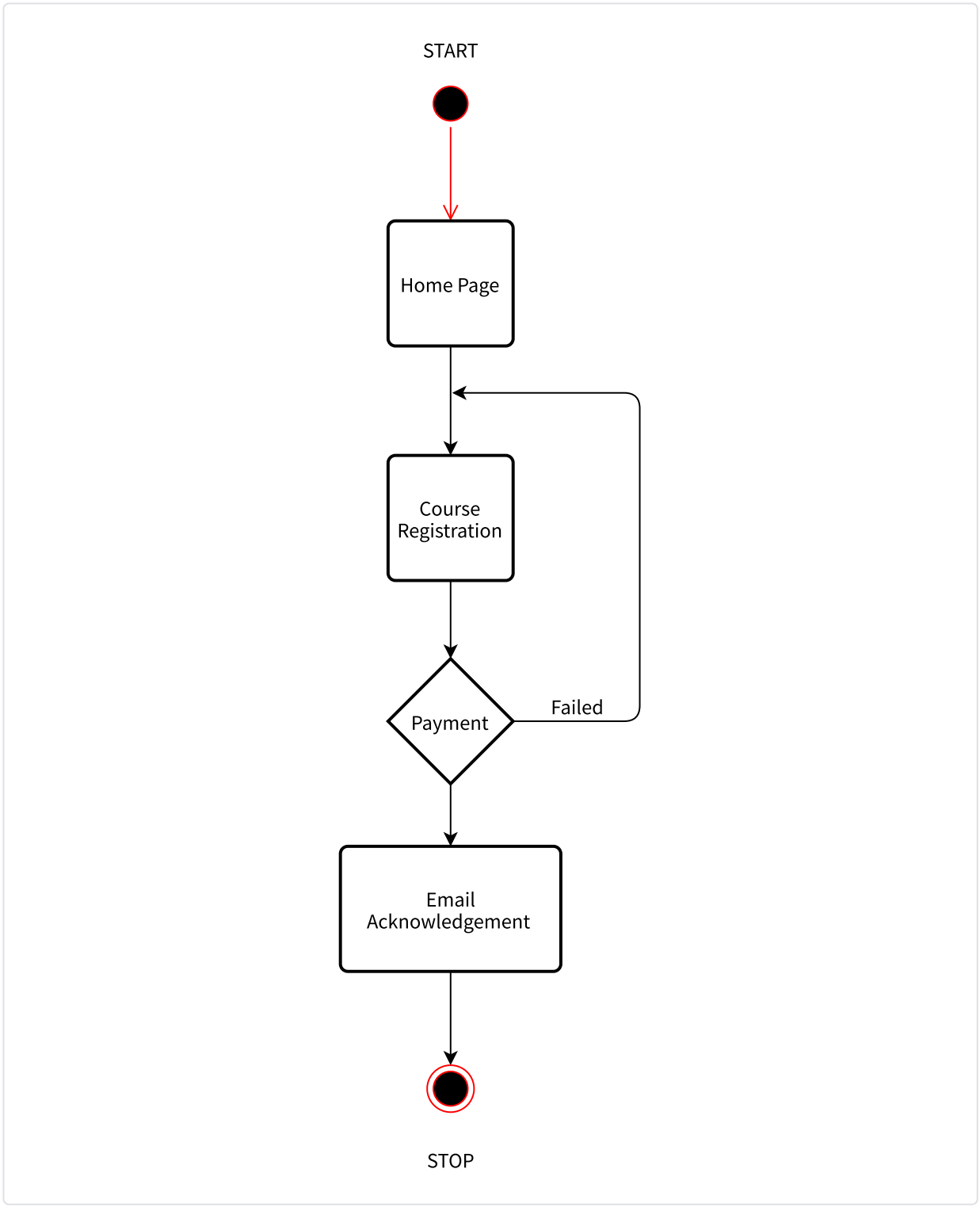

SUPER ADMIN
CRUD ENTIRE SYSTEM
DB
STUDENT REGISTRATION DETAILS
ADMIN
REGISTRATION
USER

LEVEL 2

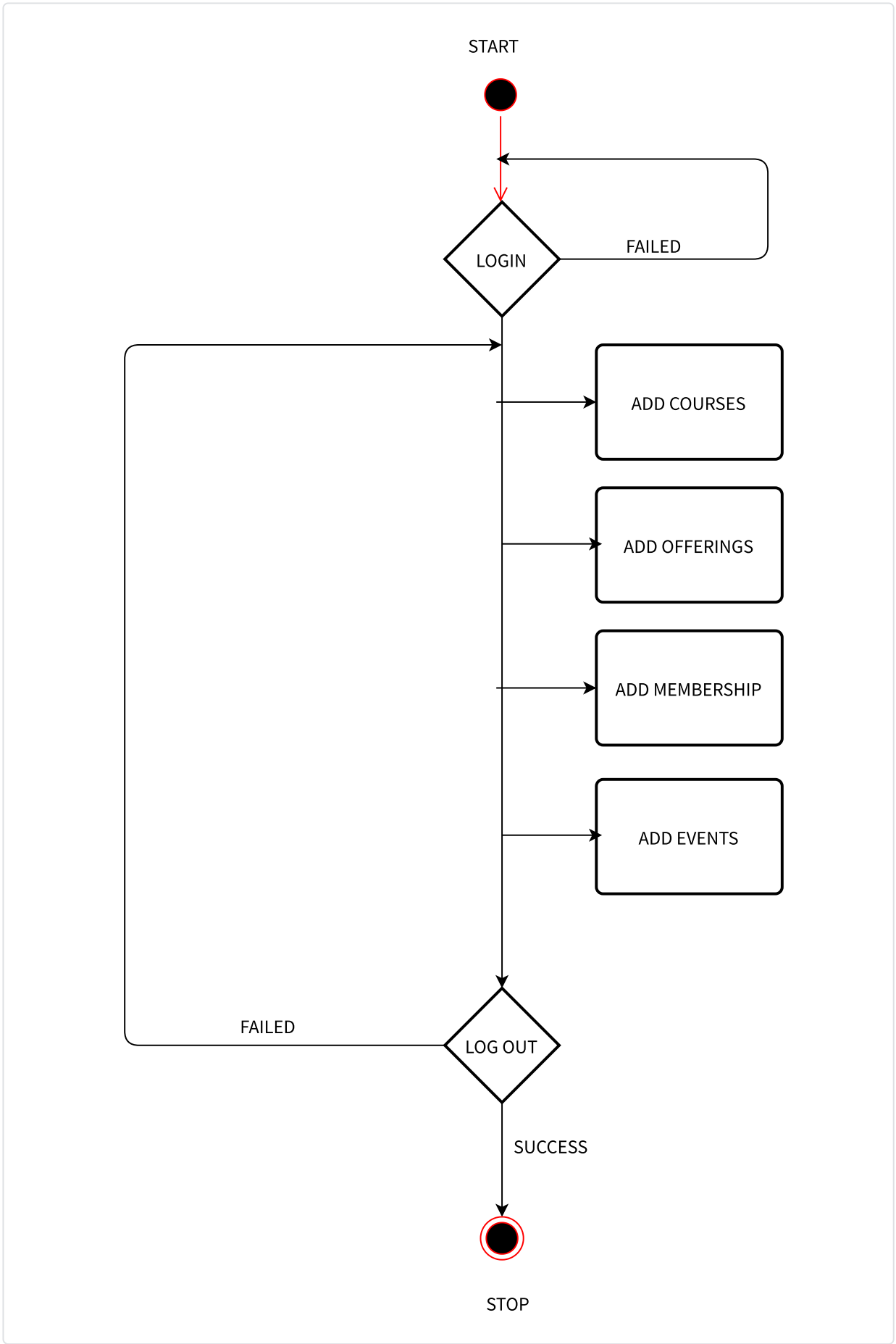


FLOW CHART

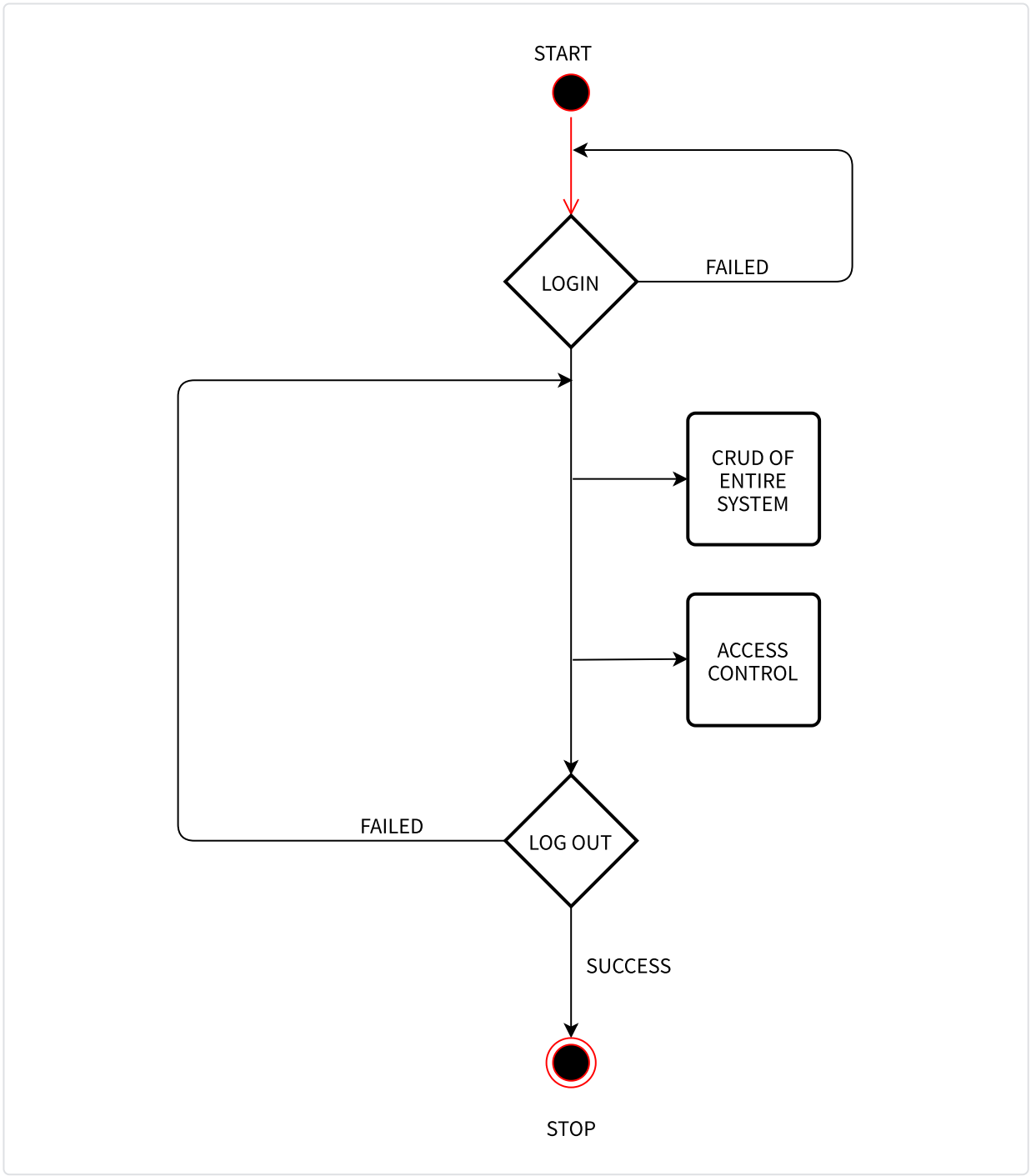
USER.


START
Home Page
Course Registration
Payment
Failed
Email Acknowledgement
STOP

ADMIN


START
LOGIN
FAILED
ADD COURSES
ADD OFFERINGS
ADD MEMBERSHIP
ADD EVENTS
FAILED
LOG OUT
SUCCESS
STOP

SUPER ADMIN



PAGES

- [ ] Home @Sandeep S Anand
- [ ] About Us @Jeslin Jayan Varghese
- [ ] Courses @Sandeep S Anand
- [ ] Single Course page with details,reg btn (mainly 6 courses otherwise more than 20) @Sandeep S Anand
- [ ] Registration Form @Sandeep S Anand
- [ ] Offerings (sub-partnership and membership) @Jeslin Jayan Varghese
- [ ] Partnership @Jeslin Jayan Varghese
- [ ] Membership (sub-academic and corporate) with reg form @Jeslin Jayan Varghese

- [ ] Academic Membership with members btn(form) @Jeslin Jayan Varghese
- [ ] Corporate Membership with reg btn(form) @Jeslin Jayan Varghese
- [ ] Events (sub-dig, internship,salesforce) @Jeslin Jayan Varghese
- [ ] Digital Workforce @Jeslin Jayan Varghese
- [ ] Internship-2021(RPA,ML-AI) @Jeslin Jayan Varghese
- [ ] Sales Force @Jeslin Jayan Varghese
- [ ] Vendors List @Jeslin Jayan Varghese
- [ ] Blog/News (link)
- [ ] Careers (link)
- [ ] Header @Sandeep S Anand
- [ ] Footer @Sandeep S Anand
- [ ] Login

ADMIN

- [ ] Home @Aneesha MS
- [ ] Add Courses with admission opened or closed toggle @Aneesha MS
- [ ] Edit/Delete Courses @Aneesha MS
- [ ] Add Academic Membership @Aneesha MS
- [ ] Add Corporate Membership @Aneesha MS
- [ ] Add Events @Aneesha MS
- [ ] Edit/Delete Events @Aneesha MS
- [ ] Add News @Aneesha MS
- [ ] Edit/Delete News @Aneesha MS
- [ ] Add Career Oppurtunities @Aneesha MS
- [ ] Edit/Delete Jobs @Aneesha MS
- [ ] Add Admin Form @Aneesha MS
- [ ] Edit/Delete Admin @Aneesha MS
- [ ] Add Access Control Page Form @Aneesha MS
- [ ] Login @Aneesha MS

BACKEND

- [ ] Testimonials @Manujacob T
- [ ] Patrons @Manujacob T
- [ ] Industrial Partners @Manujacob T
- [ ] PartenshipForm @Manujacob T
- [ ] CorporateForm @Manujacob T
- [ ] Academic Membership @Manujacob T

- [ ] Courses @Akhiljp
- [ ] Individual course @Akhiljp
- [ ] Course Reg @Akhiljp
- [ ] Course testimony @Akhiljp

SYSTEM IMPLEMENTATION

Project Title:	**ICTAK WEBSITE**							
Description:	The ICTAK-WEBSITE is a web-based application which is helpful for users as well as the ICTAK authorities. The main objective of this system is to design or develop a software portal for ICTAK for maintaining course details, user information, company memberships and collaboration systems. Users can use this system from anywhere to find out about the details of the courses provided and register for the same.							
Achievements:	FrontEnd and BackEnd work is going on. At present we have completed almost 8 to 10 pages in Frontend. BackEnd works is also in progress.							
Status	**FRONT-END DEVELPOMENT**							
	- [x] ~~HOME~~ - [x] ~~ABOUT US~~ - [x] ~~ACADEMIC MEMEBERSHIP~~ - [x] ~~CORPORATE MEMBERSHIP~~ - [x] ~~PARTNERSHIP~~ - [x] ~~PARTNERSHIP FORMS~~ - [x] ~~COURSES~~ - [x] ~~SINGLE COURSE~~ - [x] ~~DIGITAL~~ - [x] ~~INTERNSHIP~~ - [x] ~~SALESFORCE~~							
	BACK-END DEVELOPMENT							

- [x] ~~COURSES~~
- [x] ~~SINGLE COURSES~~
- [ ] COURSE TESTIMONIALS
- [ ] EVENTS- DIGITAL FORM
- [ ] INTERNSHIP RPA FORM
- [ ] INTERNSHIP ML-AI FORM
- [ ] SALESFORCE FORM
- [x] ~~ACADEMIC FORM-VIEW MEMBERS~~
- [x] ~~CORPORATE MEMBERSHIP-VIEW MEMBERS~~
- [x] ~~TESTIMONIALS~~
- [x] ~~PARTNERSHIP FORM~~
- [x] ~~CORPORATE FORM~~
- [x] ~~INDUSTRIAL PARTNERS~~
- [x] ~~PATRONS~~
- [x] ~~MARKETING PARTNERS~~
- [x] ~~KNOWLEDGE PARTNERS~~

SERVER-SIDE DEVELOPMENT

- [x] ~~COURSES - API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [x] ~~SINGLE COURSES - API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [ ] COURSE TESTIMONIALS
- [ ] EVENTS- DIGITAL FORM
- [ ] INTERNSHIP RPA FORM
- [ ] INTERNSHIP ML-AI FORM
- [ ] SALESFORCE FORM
- [ ] ACADEMIC FORM-VIEW MEMBERS
- [x] ~~CORPORATE MEMBERSHIP-VIEW MEMBERS, API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [x] ~~TESTIMONIALS , API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [x] ~~PARTNERSHIP FORM, API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [x] ~~CORPORATE FORM, API CALLS CREATED AND VERIFIED WITH POSTMAN~~
- [x] ~~INDUSTRIAL PARTNERS, API CALLS CREATED AND VERIFIED WITH POSTMAN~~

	☑ ~~PATRONS, API CALLS CREATED AND VERIFIED WITH POSTMAN~~ ☑ ~~MARKETING PARTNERS API CALLS CREATED AND VERIFIED WITH POSTMAN~~ ☐ KNOWLEDGE PARTNERS API CALLS CREATED AND VERIFIED WITH POSTMAN							
	DATABASE - ICTAK DB							
	☑ ~~COURSE REGISTRATION COLLECTION~~ ☑ ~~COURSES COLLECTION~~ ☑ ~~COURSE TESTIMONIALS COLLECTION~~ ☐ EVENTS- DIGITAL ☐ INTERNSHIP RPA COLLECTION ☐ INTERNSHIP ML-AI COLLECTION ☐ SALESFORCE COLLECTION ☐ ACADEMIC MEMBERS ☑ ~~CORPORATE MEMBERS COLLECTION~~ ☑ ~~TESTIMONIALS COLLECTION~~ ☑ ~~PARTNERSHIP COLLECTION~~ ☑ ~~INDUSTRIAL PARTNERS COLLECTION~~ ☐ PATRONS COLLECTION ☐ MARKETING PARTNERS COLLECTION ☐ KNOWLEDGE PARTNERS COLLECTION							

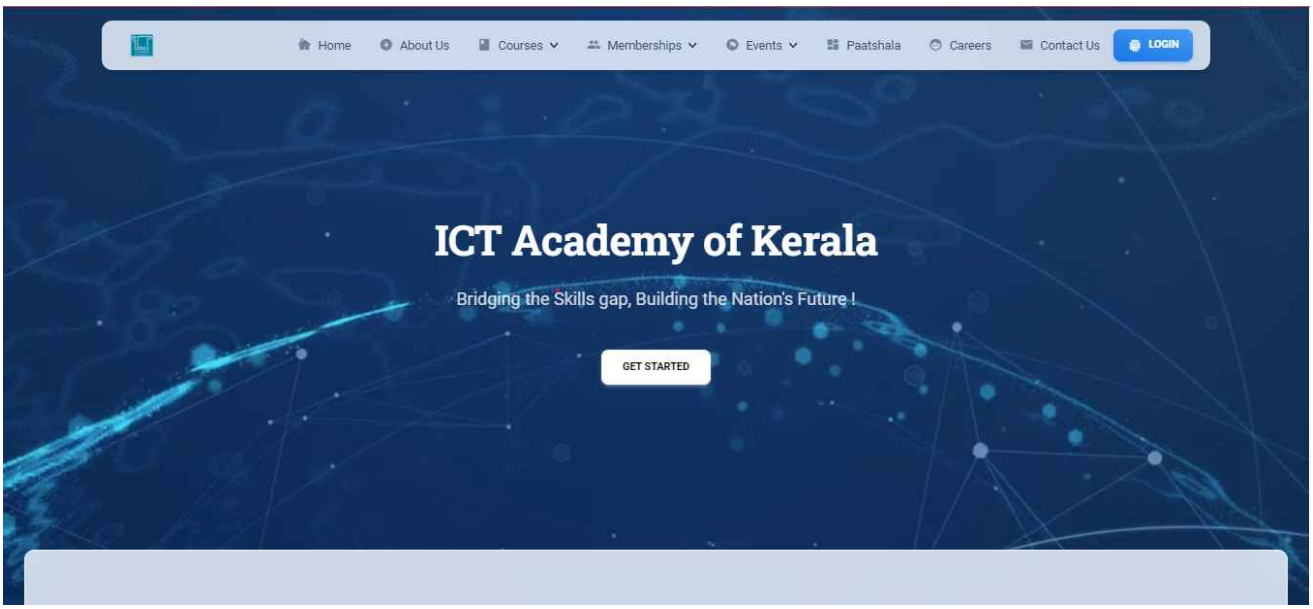
SYSTEM TESTING

	A	B	C	
1		**Project Name:**	**ICTK WEBSITE**	**Test Designed by:**
2		**Module Name:**	**MEAN**	**Test Designed date**
3		**Release Version:**	**1.01**	**Test Executed by:**
4		**Build :**	**1**	**Test Execution dat**
5				
6		**Build :**		
7				
8	**Pre-condition**	Stable internet connection is required		
9	**Dependencies:**			
10	**Test Priority**	High		
11				

12	**Test Scenario**	Verify Admin Login		
13	**Test_Scenario_ID**	TS_001		
14	**Test Case ID**	**Test Summary**	**Test Steps**	**Tes**
15	TC-1.1.1	Test admin login functionality with valid email and password	Go to login page enter email enter password Click Login button	url:http://18.117.135
16	TC-1.1.2	Test Admin login with valid email and invalid password	Go to Login Page Enter Email Enter Password Click Login button	url:http://18.117.135
17	TC-1.1.3	invalid email and valid password	Go to Login Page Enter Email Enter Password Click Login button	url:http://18.117.135
18	TC-1.1.4	invalid email and invalid password	Go to Login Page Enter Email Enter Password Click Login button	url:http://18.117.135
19	TC-1.1.5	Test admin login with blank email and valid password	Go to Login Page Enter Password Click Login button	url:http://18.117.135
20	TC-1.1.6	valid email and blank password	Go to Login Page Enter Email Click Login button	url:http://18.117.135
21	TC-1.1.7	blank email and blank password	Go to Login Page Click Login button	url:http://18.117.135
22				
23	**Test Scenario**	Verify add course module		
24	**Test_Scenario_ID**	TS_002		
25	**Test Case ID**	**Test Summary**	**Test Steps**	**Tes**
		Test add Course fuctionality	Go to admin dashboard click courses	http://18.117.135.18

SCREENSHOTS

HOMEPAGE



Hosted AWS Link

Login Credentials

Super Admin:

Username:

Password:

User Admin

Username:

Password:

Hosted Link: ICTAK Website

REPO LINK

CONCLUSION

It is concluded that the application works well and satisfies the organization and users. The application is tested well and errors are properly debugged.