

MINIPROJECT LOGBOOK

GROUP MEMBERS

1. Jadhav Gaurav Vijay
2. Sawardekar Nitesh Namdev
3. Desale Aakash Laxman

Supervisor

Dr. Shital Agrawal

**Project Name:- “ A Framework to Make Voting System Transparent
Using Blockchain Technology”**



Department of Computer Engineering

Vighnabharata Trust

**Shivajirao S. Jondhale College of Engineering & Technology,
Asangaon**

University of Mumbai
(AY 2023-2024)

INSTITUTE VISION & MISSION

VISION:

Grounded by value centered education, research guidance and services to become a leading centre for professional courses; recognized nationally and internationally for its excellence.

MISSION:

- * To educate and nurture students, to create knowledge and to provide service to our industry and society.
- * Committed to excellence and strive to develop future leaders of our nation and world and to provide opportunities to reach excellence and enable the students to develop their inner potential.

COMPUTER ENGINEERING DEPARTMENT

VISION:

To become a technical education centre of excellence in the field of computer engineering and to attain national relevance in the field of Computer Engineering.

MISSION:

- To prepare competent professionals in the field of Computer Engineering with ethical values.
- To enhance employability through skill based education.
- To develop the ability to apply knowledge for the benefit of society at large.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1: Evolve as globally competent computer professionals and entrepreneurs possessing collaborative and leadership skills, for developing innovative solutions in multidisciplinary domains.

PEO 2: Inculcate core competence in the field of computer engineering to innovate, analyse, formulate and solve engineering problems.

PEO 3: Provide experience on design and program techniques, tools and technologies related to computer engineering with major focus on software tools and applications.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Graduates will be able to:

PSO 1: understand, analyze and develop computer programs, hardware and software based systems to evaluate and recognize potential risks and provide creative solutions.

PSO 2: apply standard practices, knowledge and strategies in software project development to deliver a quality product.

PROGRAM OUTCOMES (POs)

PO's	OUTCOMES
PO1	An ability to apply knowledge of mathematics, science and engineering fundamentals in the field of computing.
PO2	Critically identify, formulate and evaluate emerging topics and the recent development in the field and Provide solution to futuristic engineering problems.
PO3	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.
PO4	Ability in requirement gathering, design and implementation of software with computer systems to analyze and interpret the data.
PO5	An ability to use the techniques, logical and analytical skills and modern engineering tools necessary for engineering practice.
PO6	An ability to design a system component or process to meet desired needs within realistic constraints such as economic, environmental, social, cultural and safety issues.
PO7	An ability to understand an impact of engineering knowledge towards society and environment with need to sustainable solutions.
PO8	To inculcate professional ethics.
PO9	An ability to function effectively, individually and in teams to accomplish a common goal.
PO10	An ability to communicate solutions of complex computing problems effectively using reports and presentations to wide range of audiences.
PO11	To instill leadership and managerial skills in multidisciplinary environment.
PO12	Recognition of the need for and an ability to engage in life-long learning.

STUDENT INFORMATION

Project Title: A Framework to Make Voting System Transparent Using Blockchain Technology

	Student 1	Student 2	Student 3
ID/ERP NO	2020016402081857	2020016402081915	2020016402075702
Name	Jadhav Gaurav Vijay	Sawardekar Nitesh Namdev	Desale Aakash Laxman
Class	Class: B.E.	Class: B.E.	Class: B.E.
division	Div: - A	Div: - A	Div: - A
Contact No.	8698027152	8454806491	7588349622
E-mail	gaurav.vjadhav01@gmail.com	nitesh1892002@gmail.com	akashdesale30@gmail.com
Address	Tanaji Nagar, Kasara	Kalyan	Parvati niliyam, Shantinagar, Ulhasnagar-3

INSTRUCTIONS TO STUDENTS:

1. The log book must be submitted to the Guide or Co-Guide for verification and evaluation of project activities at least once in a week.
2. Log book duly signed by guide must be submitted with project report for evaluation at the end of semester to the department.

DECLARATION

I declare that this project represents my ideas in my own words and wherever others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my project work. I promise to maintain minimum 75% attendance, as per the University of Mumbai norms. I understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1. Jadhav Gaurav Vijay
2. Sawardekar Nitesh Namdev
3. Desale Aakash Laxman

(Signature of Students)

Letter of Acceptance

I undersigned, Dr. Shital Agrawal working in
Computer Engineering department, willing to guide the project titled
A Framework to Make Voting System Transparent Using Blockchain Technology
for the Major Project Semester VII /VIII respectively for the academic year 2023-24.

The names of the students are:

1. Jadhav Gaurav Vijay
2. Sawardekar Nitesh Namdev
3. Desale Aakash Laxman

Dr. Shital Agrawal
(Project Guide)

Prof. Vishal Shinde
(Major Project Coordinator)

Prof. Vishal Shinde
(HOD Computer Engg.)

COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO 1	Identify problems based on societal /research needs	PO 2	PSO 2
CO 2	Apply Knowledge and skill to solve societal problems in a group.	PO 1,2,4,5,8,9	PSO 2
CO 3	Develop interpersonal skills to work as member of a group or leader.	PO 6,9,11	PSO 2
CO 4	Draw the proper inferences from available results through theoretical/experimental/simulations.	PO 1,5	PSO 2
CO 5	Analyze the impact of solutions in societal and environmental context for sustainable development.	PO 3,6,7	PSO 1
CO 6	Use standard norms of engineering practices	PO 2,7,8	PSO 2
CO 7	Excel in written and oral communication.	PO 10	PSO 1
CO 8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO 9	PSO 2
CO 9	Demonstrate project management principles during project work.	PO 10	PSO 2

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1		✓										✓		✓
CO2	✓	✓		✓	✓			✓	✓					✓
CO3						✓			✓		✓			✓
CO4	✓				✓									✓
CO5			✓			✓	✓						✓	
CO6		✓					✓	✓						✓

SCHEDULE FOR MAJOR PROJECT

Date	Week	Contents	Remark	Guide Sign
31-07-2023	1	FIRST 3 TOPIC DISCUSSION		
03-08-2023	2	FINALIZATION OF THE TOPIC		
09-08-2023	3	SUBMISSION OF ABSTRACT		
18-08-2023	4	INFO. GATHERING FOR AIM & OBJECTIVE.		
23-08-2023	5	DATA COLLECTION FOR LITERARTURE SURVEY		
04-09-2023	6	COMPARATIVE ANALYSIS OF ALL METHODS		
19-09-2023	7	PROPOSED SYSTEM-SYSTEM ARCHITECTURE		
28-09-2023	8	FINALIZATION OF MATHEM MODEL, SYSTEM ARCHITEC, ALGO &WORKING ALGORITHM		
04-10-2023	9	DESIGN DIA OF DFD,CLASS,UML,SEQUENCE,FLOW CHART.		
09-02-2024	10	STARTED IMPLEMENTATION GUI AND CODING		
07-03-2024	11	TESTING RESULTS		
19-03-2024	12	REPORTED ALL DATA REGARDING OUR PROJECT TO PROF.VISHAL R. SHINDE SIR		

Title of the Project:	A Framework to Make Voting System Transparent Using Blockchain Technology
Group No. 11	Name of Student 1: Gaurav Vijay Jadhav
	Name of Student 2: Aakash Laxman Desale
	Name of Student 3: Nitesh Namdev Sawardekar
Name of the Supervisor: Dr. Shital Agarwal	

Sr. No	Date	Attendance	Progress/Suggestion	Mapping		
				CO	PO	PSO
		3				
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Sign of the Supervisor

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Sign of the Supervisor

EXAMINER'S FEEDBACK FORM

Name of External examiner:

College of External examiner:

Name of Internal examiner:

Date of Examination: / /

No. of students in project team:3

Availability of separate lab for the project: Yes / No

Student Performance Analysis (Put Tick as per your Observation)

Excellent (3)		Very Good (2)		Good (1)	
Sr. No.	Observation	(3)	(2)	(1)	
1	Quality of problem and Clarity				
2	Innovativeness in solutions				
3	Cost effectiveness and Societal impact				
4	Full functioning of working model as per stated requirements				
5	Effective use of skill sets				
6	Effective use of standard engineering norms				
7	Contribution of an individual's as member or leader				
8	Clarity in written and oral communication				
9	Overall performance				

o Can same mini project extend to next semester by adding new objectives/ideas? (Yes/ No)

o If yes, suggest new Innovative Technique/Idea/ objectives related to this project.

Signature of External Examiner

Signature of Internal Examiner

MAJOR PROJECT TERM WORK SUBMISSION RECORD

Sr. No	DETAILS	DATE OF SUBMISSION	GUIDE SIGNATURE
1	Major Project Synopsis	25/01/2024	
2	Major Project Report	24/04/2024	
3	Major Project PPT	24/04/2024	
4	Major Project CD	-	
5	Major Project Log Book	24/04/2024	