ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING
(Approved by AICTE, Recognized by Government of Maharashtra)
Department of Computer Engineering
Academic Year 2020-21

MINIPROJECT LOGBOOK

GROUP MEMBERS

1. Shriya Bijam

2. Bharat Choudhary

3. Nikita Dubey

Supervisor

Prof. Shweta Sharma

STUDENT INFORMATION

Project Title: Crop It: Crop Prediction Using ML

	Student 1	Student 2	Student 3
Name	Shriya Bijam	Bharat Choudhary	Nikita Dubey
Roll No	10	16	64
Class with Division	TECMPN-1	TECMPN-1	TECMPN-1
Contact No.	8779938787	9892558512	9326142626
E-mail	Shriyabijam-cmpn@atharvacoe.ac.in	BharatChoudhary-cmpn@atharvacoe.ac.in	NikitaDubey-cmpn@atharvacoe.ac.in
Address			

INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the Guide or Co-Guide for verification and evaluation of project activities atleast once in aweek.

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. Shriya Bijam

2. Bharat Choudhary

3. Nikita Dubey

(Signature of Students)

Letter of Acceptance

I undersigned, Prof. Shweta Sharma working in Computer Engineering department, willing to guide the project titled "Crop IT : Crop Prediction Using ML" for the mini project-II-A Semester V respectively for the academic year 2020-21. The names of the students are:

1. Shriya Bijam

2. Bharat Choudhary

3. Nikita Dubey

Prof. Shweta Sharma   Prof. Tanvi Kapdi   Dr. Suvarna Pansambal

(Project Guide)   (Mini Project Coordinator)   (HOD Computer)

.

COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered
CO1	Identify societal/research/innovation/entrepreneurship problems through appropriate literature surveys	PO1, PO3, PO5
CO2	Identify Methodology for solving above problem and apply engineering knowledge and skills to solve it	PO2, PO6
CO3	Validate, Verify the results using test cases/benchmark data/theoretical/ inferences/experiments/simulations	PO3, PO4
CO4	Analyze and evaluate the impact of solution/product/research/innovation /entrepreneurship towards societal/environmental/sustainable development	PO7, PO9
CO5	Use standard norms of engineering practices and project management principles during project work	PO8,PO9
CO6	Communicate through technical report writing and oral presentation. ● The work may result in research/white paper/ article/blog writing and publication ● The work may result in business plan for entrepreneurship product created ● The work may result in patent filing	PO10
CO7	Gain technical competency towards participation in Competitions, Hackathons, etc.	PO11
CO8	Demonstrate capabilities of self-learning, leading to lifelong learning..	PO12
CO9	Develop interpersonal skills to work as a member of a group or as leader	PO9, PO10

SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
12-7-2021	1	Brainstorming on project topic	Done	
19-7-2021	2	Collecting data on problem statement	Done	
26-7-2021	3	Literature review	Done	
02-8-2021	4	Identify research gap	Done	

09-8-2021	5	Identify Methodology for solving the problem	Done	
16-8-2021	6	Pre-processing and analyzing data set.	Done	
23-8-2021	7	Studying different ML models	Done	
30-8-2021	8	Implementation and testing of ML models	Done	
06-9-2021	9	Selection of ML model	Done	
20-9-2021	10	Development of Front-end	Done	
27-9-2021	11	Integration and Testing	Done	
11-10-2021	12	Presentation and report	Done	

PROGRESS/ATTENDANCE REPORT

Title of the Project: Crop It: Crop Prediction Using ML	
Group No. 25	Name of Student 1: Shriya Bijam
	Name of Student 2: Bharat Choudhary
	Name of Student 3: Nikita Dubey
Name of the Supervisor: Prof. Shweta Sharma	

Sr. No	Date	Attendance			Progress/Suggestion	Mapping	
		1	2	3		CO	PO
1	12-7-2021	P	P	P	Brainstorming on project topic	CO6, CO8, CO9	PO9, PO10, PO12
2	19-7-2021	P	P	P	Collecting data on problem statement	CO1	PO1, PO3, PO5
3	26-7-2021	P	P	P	Literature review	CO1	PO1, PO3, PO5
4	02-8-2021	P	P	P	Identify research gap	CO1, CO2	PO1, PO2, PO3, PO5, PO6
5	09-8-2021	P	P	P	Identify Methodology for solving the problem	CO2	PO2, PO6
6	16-8-2021	P	P	P	Pre-processing and analyzing data set.	CO7	PO11

7	23-8-2021	P	P	P	Studying different ML models	CO7	PO11
8	30-8-2021	P	P	P	Implementation and testing of ML models	CO7	PO11
9	06-9-2021	P	P	P	Selection of ML model	CO3, CO4	PO3, PO4, PO7, PO9
10	20-9-2021	P	P	P	Development of Front-end	CO7	PO11
11	27-9-2021	P	P	P	Integration and Testing	CO5, CO6	PO8, PO9, PO10
12	11-10-2021	P	P	P	Presentation and report	CO5, CO6, CO9	PO8, PO9, PO10

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: _____

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**