Project Work Book
Fourth Year
(Guidelines and Log)
Information Technology
Engineering A.Y. 2024-25

Group/Project ID: G-15
Team Members :
1. Vinit Dhas
2. Yash upore
3. Aditya Bole
4. Saurabh Pisol
Project Title : Smart shopping cart using JOT + Google firebase
Project Guide : Peof. Kapil wagh
Area of the Project: IOT

Department of Information Technology
Nutan Maharashtra Vidya Prasarak Mandal's
Nutan Maharashtra Institute of Engineering & Technology
Under Administrative Support of Pimpri Chinchwad Education Trust

Talegaon, Tal : Maval , Dist.

Pune ISO-9001 :2008

Certified

UNDERTAKING BY THE STUDENT

I Mr. /Ms. B19055085I6, B19055085II, B190550856 8, of B.E.
B190550854 3

(Information Technology) am hereby assume I will follow the **rules** and regulations

formulatedby University of **Pune** and College regarding project **work**.

The Project work entitled-

Smart Shopping Cart using IoT
4 Google firebase

Will be fully designed/ developed by me and no part of the work will be borrowed or purchased

from: any agency.

(_____)

Name & Signature of the Student

Date:

Place: Tolegoon

SPONSORSHIP

Name of the Sponsoring Company: _SoftAim Solutions_

Address: _Sector-29, Ravet, Peedhikaren,_
Nigdi, Pune, India 412101

Tel. No.: _____ Mobile No.: _____

Fax: _____ Website: www.Softaimsolutions.com

Person to Contact/Guide:

1. _____

Mobile No.: _____ Email ID: Softaimsolution@gmail.com

Project schedule for B.E. (Information Technology) SEM-I, Academic Year-2024-25

Sr.No.	Activity	Last Date
1.	Submission of three titles, along with abstract, synopsis, block diagram, future scope, advantage & disadvantage of project by student to respective guides.	21/08/24
2.	Tentative scrutiny of submitted project by guides. (Submit Final project Name to Project Coordinator)	05/09/24
3	Discussion with HOD/Principal	15/09/24
4.	Display of finalized project on notice board for student.	18/09/24
5.	Queries related to project. (Grievances of students)	21/09/24
6.	Final project list along with complete grievances of students & submission of final synopsis	23/09/24
7.	First seminar on literature survey by students in front of project committee.	30/09/24
8.	2nd seminar on Design, calculation in front of project committee.	07/10/24
9.	Report submission of Project Stage-I to respective guides.	21/10/24

Project Coordinator

HOD

NMIET Information Technology 2024-25

Sr.No.	Activity Schedule	Date
1)	Project start and Team Setup	16/7/24
2]	3 topics with synopsis submitted to Project Co-ordinator	25/08/24
3]	final topic selection & its base idea	10/09/24
4]	Submission of final topic Synopisis	25/09/24
5]	Poster Submission	30/09/24
6]	Deta Collection from malls & Supermarket	2/10/24
7]	Data Processing & labling	4/10/24
8]	Design flowchart, system Arct DFD.	8/10/24
9)	Selected Algo & overall steps req. for Design.	12/10/24

ACTIVITY CHART OF PROJECT WORK

(To be prepared by the student)

Project Schedule

Semester 7

Sr.No.	Activity Schedule	Date
10)	Collecting 4 reading research Papers published earlier.	13/10/24
11)	Started working on research paper	16/10/24
12)	Review of Research Paper by project.	
13)	Submission of Research Paper	24/10/24

Discussion Meeting Remarks

Date:

Total 3 Topics Selected for Project:

1) Smart shopping cart using IOT + Google firebase
2) Traffic sign Recognition System
3) Air writing Recognition

Final Selected Project topic:

Smart shopping cart using IOT 4 Google fireba

Additional Changes/Improvements suggested by Guide /HOD/ Principal in selected Topic:

1) modification of final topic name.
2) study of convinient algorithm for project.

Sign:

MONTHLY PLANNING SHEET

Month: June 2024

Sr. No.	Activities planned with duration	Remarks	Signature of the Student	Signature of Int./Ext. Guide
1)	Exploring various domains & Tech	Completed	*(signature)*	
2)	Studying various front end & Backend Technology	Completed	*(signature)*	
3)	finalized the Domain (IOT)	Completed	*(signature)*	

MONTHLY PLANNING SHEET

Month: July 2024

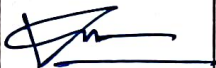| Sr. No.	Activities planned with duration	Remarks	Signature of the Student	Signature of Int./Ext. Guide
1)	Define Project goals + timelines	Completed		
2)	finclize tecm role + responsibilities	Completed		
3)	finclize gools + decdlines	Completed		

MONTHLY PLANNING SHEET

Month : August 2024

Sr. No.	Activities planned with duration	Remarks	Signature of the Student	Signature of Int./Ext. Guide
1)	Submission of 3 titles to Project Co-ordinator	Completed	✓	
2)	Submission of Synopsis Block dic, future scope Adv 4 disadv	Completed	✓	

MONTHLY PLANNING SHEET

Month : September 2024

Sr. No.	Activities planned with duration	Remarks	Signature of the Student	Signature of Int./Ext. Guide
1)	Anclizing woekflow of system	Complrted		
2)	Algo study 4 its Selection	Completed		
3)	Design use csc 4 System Arc	Completed		
4)	Info gctheeing feom veciousmells 4 Resoueces	Completed		

MONTHLY PLANNING SHEET

Month : October 2024

Sr. No.	Activities planned with duration	Remarks	Signature of the Student	Signature of Int./Ext. Guide
1)	Data Preprocessing + Dataset formation	Completed	*(signature)*	
2)	Working on frontend (Registration Page)	Completed	*(signature)*	
3)	Got sponsership letter from SoftAim Solutions pvt	Completed	*(signature)*	
4)	Submission of Research Paper.	Completed	*(signature)*	