PSIT-Pranveer Singh Institute of Technology
Kanpur-Delhi National Highway (NH-2), Bhauti, Kanpur-209305 (U.P.), India

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Final Year Project

PROGRESS DIARY

(KCS-753)

"Daily Meal Solutions"

ABHINAV SHUKLA	**1816410011**
AKASHDEEP SONI	**1816410036**
ANUBHAV SRIVASTAVA	**1816410064**
VARCHASV SHUKLA	**1816410307**

Project Id: 22B12

Mr. Saumendu Bose
(Assistant Professor)

Department Vision Statement

To be a recognized Department of Computer Science & Engineering that produces versatile computer engineers, capable of adapting to the changing needs of computer and related industry.

Department Mission Statements

The mission of the Department of Computer Science and Engineering is:

i. To provide broad based quality education with knowledge and attitude to succeed in Computer Science & Engineering careers.

ii. To prepare students for emerging trends in computer and related industry.

iii. To develop competence in students by providing them skills and aptitude to foster culture of continuous and lifelong learning.

iv. To develop practicing engineers who investigate research, design, and find workable solutions to complex engineering problems with awareness & concern for society as well as environment.

Program Educational Objectives (PEOs)

i. The graduates will be efficient leading professionals with knowledge of computer science & engineering discipline that enables them to pursue higher education and/or successful careers in various domains.

ii. Graduates will possess capability of designing successful innovative solutions to real life problems that are technically sound, economically viable and socially acceptable.

iii. Graduates will be competent team leaders, effective communicators and capable of working in multidisciplinary teams following ethical values.

iv. The graduates will be capable of adapting to new technologies/tools and constantly upgrading their knowledge and skills with an attitude for lifelong learning

Department Program Outcomes (POs)

The students of Computer Science and Engineering Department will be able:

1. Engineering knowledge: Apply the knowledge of mathematics, science, Computer Science & Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and Computer Science & Engineering sciences.

3. Design/development of solutions: Design solutions for complex Computer Science & Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Investigation: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Computer Science & Engineering activities with an understanding of the limitations.

6. The Engineering and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in the field of Computer Science and Engineering.

7. Environment and sustainability: Understand the impact of the professional Computer Science & Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science & Engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex Computer Science & Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make

effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the Computer Science & Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department Program Specific Outcomes (PSOs)

The students will be able to:

1. Use algorithms, data structures/management, software design, concepts of programming languages and computer organization and architecture.

2. Understand the processes that support the delivery and management of information systems within a specific application environment.

Course Outcomes:

On successful completion of this course:

S No	Course Outcome
CO1	Students will be able to apply engineering knowledge to identify real world problems for sustainable development and indulge them in lifelong learning.
CO2	Students will be able to observe the complex engineering problems and demonstrate the solution for the same.
CO3	Students will be able to select and apply appropriate tools or technologies for solving real world engineering problems.
CO4	Students will be able to express their proposed solution by presenting and defending through reports and presentations.

CO-PO/PSO Mapping:

CO	STATUS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	A	3						3	3	3		3	3	3	
CO2	A		3	3	3		3		3	3		3		3	
CO3	A			3	3	3			3	3		3	3	3	3
CO4	A								3	3	3	3			
CO5	N/A														

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"Daily Meal Solutions"

A

Report submitted in partial fulfillment of the requirement for the

degree of

B.Tech.

In

Computer Science & Engineering

Under the Supervision of

Mr. Saumendu Bose
(Assistant Professor)

By

Abhinav Shukla	1816410011
Akashdeep Soni	1816410036
Anubhav Srivastava	1816410064
Varchasv Shukla	1816410307

Pranveer Singh Institute of Technology, Kanpur
Dr A P J A K Technical University
Lucknow

PSIT-Pranveer Singh Institute of Technology
Kanpur-Delhi National Highway (NH-2), Bhauti, Kanpur-209305 (U.P.), India

DECLARATION

This is to certify that Report entitled "Daily Meal Solutions" which is submitted by us in partial fulfillment of the requirement for the award of degree B.Tech. in Computer Science& Engineering to Pranveer Singh Institute of Technology, Kanpur Dr. A P J A K Technical University, Lucknow comprises only my own work and due acknowledgement has been made in the text to all other material used.

Date:

Name of Student with Roll No:

Abhinav Shukla	1816410011
Akashdeep Soni	1816410036
Anubhav Srivastava	1816410064
Varchasv Shukla	1816410307

Approved By:

Head of Department
Computer Science and Engineering
PSIT, KANPUR

PSIT-Pranveer Singh Institute of Technology
Kanpur-Delhi National Highway (NH-2), Bhauti, Kanpur-209305 (U.P.), India

Certificate

This is to certify that Report entitled "Daily Meal Solutions" which is submitted by
Abhinav Shukla 1816410011,
Akashdeep Soni 1816410036,
Anubhav Srivastava 1816410064,
Varchasv Shukla 1816410307
in partial fulfillment of the requirement for the award of degree B.Tech. in Computer Science& Engineering to Pranveer Singh Institute of Technology, Kanpur Dr. A P J A K Technical University, Lucknow is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: **Signature**

Saumendu Bose
(Assistant Professor)

-

Abstract:

The Project is all about developing a fully functional website that provides food solutions to the people who are dependent on a tiffin for their meal. The students who are living outside their home and continuing their studies, do not prefer to take time to cook their meal so they depend on tiffin services.
People have to search a lot to get a good and hygienic service, which we will be ensuring. As it will be an online platform so it will be easy to find and easy to order for the tiffin services.
Our Website will be having features to order for tiffin on daily basis or you may order a customized tiffin. There will be multiple interfaces to make the functioning of the website very appropriate. The customer will get the tiffin to the doorsteps without any problem.

Synopsis:

"DAILY MEAL SOLUTIONS"

As nowadays, we see in India the number of people living outside their home is increasing day by day. They are not able to make their food on the daily basis. This seems to be a big problem sometimes when it comes to time management, as cooking food requires much time and effort. Students living far from their home try to order the tiffin services, but sometimes it becomes very difficult for them to find a tiffin service that provides quality, hygienic and healthy food. So the above problem for students and the working sector of our country encourages us to bring such a solution that resolves the above problem.
The primary reason to choose this topic is that it will somewhere save the time of people and will ensure a quality and healthy meal.

Objective:

The Objective of the project is to provide a daily meal to the crowd who is not able to cook their meal on the daily basis and looking for a daily meal solution.

Scope:

The project will be a full-stack web app and in technical aspects, it is going to require a MERN stack. The whole project will be made using the MERN stack.
The project will be providing a daily meal solution. The user will be having an interface to order for the tiffin services. The customer will be able to take the tiffin services on their requirement basis or if want to make some changes to his current tiffin then he can order a customized tiffin. There will be different plans of tiffin, one can order to the food services according to their will by choosing a plan.
There is also one more goal of this project to employ a crowd, so in the future, we may contact and partner with the different small-scale hotel (Dhaba) owners to increase their area of services.

Working methodology:

The user and the food provider both will be having different interfaces, the user will order from its end and the food provider will come to know about the orders. When it comes to repeat the order there is no need to order same order daily the order can be repeated through a simple process. For any kind of changes to the meal or any kind of other requests, there will be another section to the user interface.

Software requirement:

The software that will be required while making the project is listed below.

- An editor (Microsoft VS-Code)
- A browser (Google Chrome)

Hardware requirement:

The hardware requirements are:

- A computer that has an internet connection and a browser installed.

References:

1 MDN Web Docs
https://developer.mozilla.org/en-US/
2 W3Schools Online Web Tutorials
https://www.w3schools.com/
3 The Complete 2022 Web Development
https://www.udemy.com/course/the-complete-web-development-bootcamp/
4 Burdman, Jessica, “Collaborative Web Development” Addison Wesley
5 Xavier, C, “ Web Technology and Design” , New Age International

Contribution to Society:

The project is to provide a daily meal to the crowd who is not able to cook their meal on the daily basis and looking for a daily meal solution.

FYP-Time Line

PSIT-Pranveer Singh Institute of Technology
Kanpur-Delhi National Highway (NH-2), Bhauti, Kanpur-209305 (U.P.), India

FYP SCHEDULE ODD SEM 2021-2022

ACTIVITY	DEADLINE	PERSON INCHARGE	DOCUMENT/FORM
Title/Group Formation/ Supervisor Allocation	Till 1st week of April-2021	Supervisor/Group leader	Project Proposal
Proposal Submission	1st week of June-2021	Supervisor/DPC	Power Point Presentation
Progress Evaluation 1	2nd week of Oct-2021	DPC/ Evaluators	Power Point Presentation
Weekly performance Monitoring	Throughout the semester	Supervisor	FYP Diary/Presentation
Progress Evaluation 2	2nd Week of November -2021	DPC/ Evaluators	Power Point Presentation
End Semester Report (FYP Submission)	4th week of November-2021	Supervisor	FYP Report
Progress Evaluation 3	2nd week of December – 2021	DPC/Evaluators	Power Point Presentation

Scheme Semester-VII

Course code	Course Name	Teaching Scheme			Credit Assigned			
KCS-752	**Project**	**Theory**	**Practical**	**Tutorial**	**Theory**	**Practical**	**Tutorial**	**Total**
		0	**8**	**0**	**0**	**4**	**0**	**4**

Subject Code: KCS 753 **Group Id: 22B12**

PSIT-Pranveer Singh Institute of Technology

Kanpur-Delhi National Highway (NH-2), Bhauti, Kanpur-209305 (U.P.), India

Meeting Date

Session 2021 – 2022 (Odd Semester)

S No	Roll Number	Student Name	Status on Meeting Date (Present /Absent)	Student Signature
1				
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Project Title :_____

Name of Project Supervisor: _____

Work done in current Week:

Work to be done in next Week :

Supervisor Comments:

***Supervisor Signature/Date*……**

(To be filled by Students for every week to show the Weekly Progress of Project)

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(To be filled by Project Supervisor)

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ProjectTitle:_____

Project_Id.:_____

Roll No	Name of the student	Total Marks

Type of the project (Software/ Software and Hardware/ Simulation or Modelling):

Any other Remark:

Supervisor Name and Signature: