**DEPARTMENT OF COMPUTER APPLICATION**

**Final Year Project**

**PROGRESS DIARY**

**(KCA-353)**

**Web Chat Application**

|  |  |
| --- | --- |
| Yash Mishra | 2301640140214 |
| Kajal Srivastava | 2301640140095 |
| Anshika Dwivedi | 2301640140034 |
| Abhay Kumar Singh | 2301640140003 |

***Project\_Id: - G27***

**Dr. Ruchi Agarwal**

**(Assistant Professor, MCA)**



**Department Vision Statement**

To be recognized as a department of distinction in the field of computer application in order to produce competitive, employable and ethical professionals who can fulfill societal obligations and professional requirements of the ever changing IT industry, and to evolve as a center for excellence.

# Department Mission Statements

1. To provide advanced theoretical, experimental and applied computer science knowledge to the students.  
  
2. To provide training on cutting edge technologies to the students of MCA department as well as facilitating collaboration with our academic partners.  
  
3. To prepare students for professional careers and promote advance studies and research in computer science.  
  
4. To emphasize extra-curricular activities and personality development, leading to comprehensive development of the students.

## Program Educational Objectives (PEOs)

**1.** The students will be efficient Software Professionals with the knowledge of Computer Application discipline, this will enable them to opt for further studies or pursue careers in different domains of the IT industry.  
 **2.** The students will be able to design innovative solutions to real-life problems that are technically and socially acceptable.  
  
**3.** The students will act ethically and responsibly as team leaders, communicators, facilitators, and part of a multidisciplinary team.  
  
**4.** The students will be able to self-upgrade their skills on new technologies/tools with an attitude toward lifelong learning.

# Department Program Outcomes (POs)

The students of Department of computer application will be able:

1. **Computational Knowledge:** Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements
2. **Problem Analysis:** Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.
3. **Design / Development of Solutions:** Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
4. **Conduct Investigations of Complex Computing Problems:** 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, adapt, and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.
6. **Professional Ethics:** Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.
7. **Life-long Learning:** Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.
8. **Project Management and Finance:** Demonstrate knowledge and understanding of the computing 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.
9. **Communication Efficacy:** Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.
10. **Societal & Environmental Concern:** Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices
11. **Individual & Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.
12. **Innovation and Entrepreneurship:** Identify a timely opportunity and use innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

# Department Program Specific Outcomes (PSOs)

The students will be able to:

1. Use algorithms, software design, and concepts of programming languages to find solutions for application development.
2. Understand the processes that support the delivery and management information systems with the help of advanced software tools and techniques.

**Course Outcomes:**

On successful completion of this course:

|  |  |
| --- | --- |
| **S No** | **Course Outcome** |
| CO1 | **Use [L1: Remember] fundamental knowledge and skills to select a real world problem.** |
| CO2 | **Apply [L3: Apply] creative thinking in the design of mini project** |
| CO3 | **Demonstrate and infer [L4: Analysis] the solution.** |
| CO4 | **Present [L2: Understand] their proposed solution.** |

**CO-PO/PSO Mapping:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CO** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** | **PSO1** | **PSO2** |
| **CO1** | 3 | - | - | - | - | - | 3 | - | - | 3 | - | 3 | 3 | - |
| **CO2** | - | 3 | 3 | - | 3 | - | 3 | - | - | - | - | 3 | 3 | - |
| **CO3** | - | - | 3 | - | 3 | 2 | 3 | 3 | - | - | 2 | 3 | 3 | - |
| **CO4** | - | - | - | - | 3 | 3 | 3 | 3 | 3 | - | 3 | 3 | - | 3 |
| **Avg** | 3 | 3 | 3 | - | 3 | 2.5 | 3 | 3 | 3 | 3 | 2.5 | 3 | 3 | 3 |

Web Chat Application

A

Report submitted in partial fulfillment of the requirement for the

degree of

MCA

In

###### Department of computer application

Under the Supervision of

##### Dr. Ruchi Agarwal (Assistant Professor, MCA)

By



Pranveer Singh Institute of Technology,Kanpur

Dr A P J A K Technical University

Lucknow

## DECLARATION

This is to certify that Report entitled “Web Chat Application” which is submitted by us in partial fulfillment of the requirement for the award of degree Master of Computer Application to Pranveer Singh Institute of Technology, Kanpur Dr. A P J A K Technical University, Lucknow comprises only our own work and due acknowledgement has been made in the text to all other material used.

|  |
| --- |
| **Group Member Name and roll no.**  Yash Mishra 2301640140214  Kajal Srivastava 2301640140095  Anshika Dwivedi 2301640140034 |
| Abhay Kumar Singh 2301640140003 |
|  |

**Date: -**

#### 

## 

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## 

## Approved By:

## 

## Head of Department

## Certificate

This is to certify that Report entitled “Web Chat Application” which is submitted by **Yash Mishra -2301640140214, Kajal Srivastava -230164014095, Anshika Dwivedi -2301640140034 and Abhay Kumar Singh -2301640140003** in partial fulfillment of the requirement for the award of degree Master of Computer Application to Pranveer Singh Institute of Technology, Kanpur Dr. A P J A K Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

**Date: Signature**

**(Dr. Ruchi Agarwal)**

**(Assistant Professor, MCA)**

**Abstract**

(An abstract should be in 300-500 words.)

Printing Guidelines

1) Heading Font Size: 14

2) Content Font Size: 12

3) Font Name: Times New Roman

4) Line Spacing: 1.5”

5) Alignment: Justified (Left & Right both)

**Synopsis**

**(Attach the signed copy of synopsis here).**

**(This page should not be printed)**

Printing Guidelines

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2) Content Font Size: 12

3) Font Name: Times New Roman

4) Line Spacing: 1.5”

5) Alignment: Justified (Left & Right both)

***FYP-Time Line***

**FYP SCHEDULE ODD SEM 2024-2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **ACTIVITY** | **DEADLINE** | **PERSON INCHARGE** | **DOCUMENT/FORM** |
| Title/Group Formation/  Supervisor Allocation | Till laststweek September-2024 | Supervisor/Group leader | Project Proposal |
| Proposal Submission | Last week of September-2024 | Supervisor/DPC | PowerPoint Presentation |
| Progress Evaluation 1 | 3rd ndweek of OCT-2024 | DPC/ Evaluators | PowerPoint Presentation |
| Weekly performance Monitoring | Throughout the semester | Supervisor | FYP Diary/Presentation |
| Progress Evaluation 2 | 1st nd Week of November -2024 | DPC/ Evaluators | PowerPoint Presentation |
| End Semester Report (FYP Submission) | 4th week of November-2024 | Supervisor | FYP Report |
| Progress Evaluation 3 | 2nd nd week of December – 2024 | DPC/Evaluators | PowerPoint Presentation |

**Scheme Semester-III**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course code | Course Name | **Teaching Scheme** | | | **Credit Assigned** | | | |
| **KCA 353** | **Mini Project** | **Theory** | **Practical** | **Tutorial** | **Theory** | **Practical** | **Tutorial** | **Total** |
| **0** | **4** | **0** | **0** | **2** | **0** | **2** |

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

**Subject Code: KCA 353 Group Id:G27**

**Meeting Date**

**Session 2024– 2025 (Odd Semester)**

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| **4** | **2301640140003** | **Abhay Kumar Singh** |  |  |
| **5** |  |  |  |  |

**Project Title : Web Chat Application**

**Name of Project Supervisor: Dr. Ruchi Agarwal**

**Work done in current Week:**

**Work to be done in next Week :**

**Supervisor Comments:**

***Supervisor Signature/Date*…………………………………………**

Project Coordinator Comment and Signature:

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**Supervisor Comments:**

***Supervisor Signature/Date*…………………………………………**

Project Coordinator Comment and Signature:

**(To be filled by Project Supervisor)**

**ProjectTitle: Web Chat Application**

**Project\_Id.: G27**

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| **Roll No** | **Name of the student** | **Total Marks** |
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| 2301640140003 | Abhay Kumar Singh |  |
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**Type of the project (Software/ Software and Hardware/ Simulation or Modelling):**

**Any other Remark:**

**Supervisor Name and Signature:**