

DEPARTMENT OF INFORMATION TECHNOLOGY

101009/IT522T MINI PROJECT

Weekly Report

2021-25 Batch

September-December 2023

**CamBuzz – Student Lifestyle Management System**

Guided by: Submitted by

Ms. Ancy C. A. Bride Benson, U2109020

Assistant Professor Dea Elizabeth Varghese, U2109024

Dept. of IT, RSET Noel Mathen Eldho, U2109053

Rehan Renju Alunkal, U2109056

**RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY**

**(AUTONOMOUS)**

**VISION**

To evolve into a premier technological and research institution, moldingeminent professionals with creative minds, innovative ideas and sound practical skill, and to shape a future where technology works for the enrichment of mankind.

**MISSION**

To impart state-of-the-art knowledge to individuals in various technological disciplines and to inculcate in them a high degree of social consciousness and human values, thereby enabling them to face the challenges of life with courage and conviction.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROGRAMME: COMPUTER SCIENCE AND BUSINESS STUDIES**

**VISION**

To evolve into a department of excellence in information technology by the creation and exchange of knowledge through leading-edge research, innovation and services, which will in turn contribute towards solving complex societal problems and thus building a peaceful and prosperous mankind.

**MISSION**

To impart high-quality technical education, research training, professionalism and strong ethical values in the young minds for ensuring their productive careers in industry and academia so as to work with a commitment to the betterment of mankind.

**Program Outcomes (PO)**

Information Technology Program Students will be able to:

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

PO 2.Problem analysis: Identify, formulate, review research literature, and analyzecomplex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3.Design/development of solutions: Design solutions for complex 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.

PO 4.Conduct investigations of complex 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.

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

PO 6.The engineer 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.

PO 7.Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8.Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

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

PO 10.Communication: Communicate effectively on complex 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.

PO 11.Project management and finance: Demonstrate knowledge and understanding of the 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.

PO 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.

**Program Specific Outcomes (PSO)**

Information Technology Program Students will be able to:

PSO1: Acquire skills to design, analyse and develop algorithms and implement those using high-level programming languages.

PSO2: Contribute their engineering skills in computing and information engineering domains like network design and administration, database design and knowledge engineering.

PSO3: Develop strong skills in systematic planning, developing, testing, implementing and providing IT solutions for different domains which helps in the betterment of life.

**Program Educational Objectives (PEO)**

Graduates of Information Technology program shall

PEO 1: Have strong technical foundation for successful professional careers and to evolve as key-players/ entrepreneurs in the field of information technology.

PEO 2: Excel in analyzing, formulating and solving engineering problems to promote life long learning, to develop applications, resulting in the betterment of the society.

PEO 3: Have leadership skills and awareness on professional ethics and codes.

**Course Outcomes [COs]**:

After successful completion of the course, the students will be able to:

|  |  |
| --- | --- |
| CO1 | Make use of acquired knowledge within the selected area of technology  for project development. (Cognitiveknowledge level:Apply). |
| CO2 | Identify, discuss and justify the technical aspects and design aspects of the project with a systematic approach. (Cognitiveknowledgelevel:Apply). |
| CO3 | Interpret, improve and refine technical aspects for engineering projects.  (Cognitiveknowledgelevel:Apply). |
| CO4 | Associate with a team as an effective team player for the development of technical projects. (Cognitiveknowledgelevel:Apply). |
| CO5 | Report effectively the project related activities and findings.(level:Analyze). |

# 

# Mapping of course outcomes with program outcomes

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
| CO1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | 3 |
| CO2 | 3 | 3 | 3 | 3 | 3 | - | 2 | 3 | - | 3 | 2 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | - | 2 | 3 | 3 |
| CO4 | 3 | 3 | 2 | 2 | - | - | - | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | - | - | - | 2 | - | - | 3 | 2 | 3 | 2 | 3 |

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**B Tech. COMPUTER SCIENCE & BUSINESS STUDES\_SEMESTER V\_2021 ADMISSION**

**101009/IT522T** **MINI PROJECT**

INFORMATION SUMMARY SHEET

|  |  |
| --- | --- |
| 1. Title of the Project | CamBuzz – Student Lifestyle Management System |
| 2. Name of the Students | Bride Benson, U2109020  Dea Elizabeth Varghese, U2109024  Noel Mathen Eldho, U2109053  Rehan Renju, U2109056 |
| 3. Name of the Guide | Ms. Ancy C. A., Assistant Professor, Dept. of IT, RSET |
| 4. Abstract of the Project | Our project is a comprehensive platform that enhances the college experience by offering three main modules - Travel Pooling, Food Recommendation, and Event Hub. Users can efficiently plan and share rides, explore and recommend local food spots, and stay informed about various college events. The system facilitates seamless communication between students, organizations, and administrators, fostering a vibrant and connected campus community. Through user-friendly interfaces, the platform aims to simplify travel, dining, and event engagement, contributing to an enriched college lifestyle. |
| 5. Type of the Project | Database Project |
| 6. List of front-end tools | HTML, CSS, JAVASCRIPT |
| 7. Database | POSTGRESQL |
| 8. Software Engineering Approach | Iterative approach |
| 9. Any other specific  details, if any | Backend Tool Used – Django(Python) |

Signature of the Students Signature of the Guide

Date:

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**101009/IT522T** **MINI PROJECT**

**Batch 2021-2025, September-December2023**

**MINI PROJECT – PROGRESS EVALUATION- WEEK 1**

|  |  |
| --- | --- |
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| **Project Team**  **Members** | Bride Benson, U2109020  Dea Elizabeth Varghese, U2109024  Noel Mathen Eldho, U2109053  Rehan Renju, U2109056 |
| **Guide** | Ms. Ancy C. A |
| **Date** |  |
| **Remarks** |  |

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 2**

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| **Guide** | Ms. Ancy C. A |
| **Date** |  |
| **Remarks** |  |

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 3**

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| **Guide** | Ms. Ancy C. A. |
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**MINI PROJECT – PROGRESS EVALUATION- WEEK 4**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 5**

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| **Guide** | Ms. Ancy C. A. |
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**MINI PROJECT – PROGRESS EVALUATION- WEEK 6**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 7**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 8**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 9**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 10**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 11**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 12**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 13**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 14**

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**MINI PROJECT – PROGRESS EVALUATION- WEEK 15**

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