DEPARTMENT OF INFORMATION TECHNOLOGY

101009/IT522T MINI PROJECT

Weekly Report
2021-25 Batch
September-December 2023

CamBuzz – Student Lifestyle Management System

Guided by:
Ms. Ancy C. A.
Assistant Professor
Dept. of IT, RSET

Submitted by
Bride Benson, U2109020
Dea Elizabeth Varghese, U2109024
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

<u>INFORMATION SUMMARY SHEET</u>

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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MINI PROJECT – PROGRESS EVALUATION- WEEK 1

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Guide	Ms. Ancy C. A
Date	
Remarks	

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MINI PROJECT – PROGRESS EVALUATION- WEEK 2

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MINI PROJECT – PROGRESS EVALUATION- WEEK 3

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MINI PROJECT – PROGRESS EVALUATION- WEEK 4

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MINI PROJECT – PROGRESS EVALUATION- WEEK 5

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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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