Trio
Presents
Marshai

# Jharkhand Rai University

RajaUlatu, Namkum, Ranchi -834010

**Bachelor of technology in Computer Science and Engineering**

Session:2021-25

Synopsis
On
University management system


Presented by:-

| | |
|---|---|
| Abhinav Kumar | [BT/CSE/21/002] |
| Md Awesh | [BT/CSE/21/005] |
| Abhishek Shubham | [BT/CSE/21/017] |
| Navin Prasad | [BT/CSE/21/008] |

# INTRODUCTION

**MARSHAI** is a University Management System (UMS) that is a comprehensive, web-based solution designed to streamline the complex activities and operations of colleges, universities, and schools.

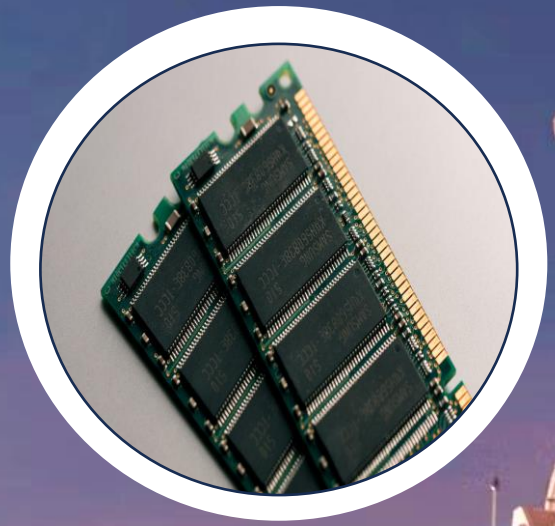
This system is developed to facilitate the management of various university processes, including student admissions, administrative management, communication, examinations, registrations, and fee management, among others.

# Objective :

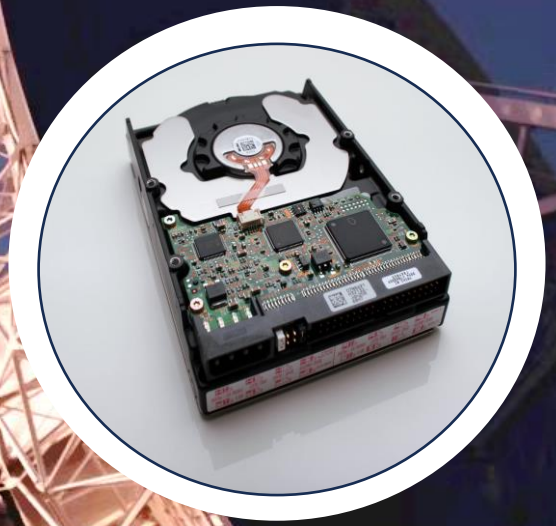
- To streamline administrative processes
- To enhance data management
- To improve decision-making
- To foster academic excellence
- To increase operational transparency
- To boost financial management
- To enhance communication
- To facilitate compliance
- To support resource management
- To promote accessibility and inclusivity

# Hardware requirements:

CPU: 2 GHz or greater Intel octa-core processor



RAM: 8 GB for a regular environment



Disk space: 80 GB for a regular environment

Operating system: Windows 10 licenses

# Software Uses:

# Research gap :

- Comparative analysis of LMS types is crucial to discern the effectiveness and adaptability of cloud-based, self-hosted, mobile-first, open-source, and proprietary systems across diverse educational and organizational environments.
- Comprehensive studies evaluating performance, usability, and user experience of different LMS platforms are needed to identify strengths, weaknesses, and areas for enhancement.
- Considering factors like institution size, technological infrastructure, user needs, and budget constraints is essential to determine the most suitable LMS type for varied contexts.
- Investigating the long-term implications, including scalability, sustainability, and user satisfaction, of adopting different LMS models is vital for informed decision-making and strategic planning in educational institutions and organizations.
- Exploring the relationship between LMS types and their impact on learning outcomes, student engagement, and educational effectiveness requires further investigation to inform effective implementation strategies and enhance overall learning experiences.

# Research gap :

- Present UMS interface is considered less intuitive than other LMS platforms, which can impede user-friendliness for certain learners.
- Official support channels for Present UMS may be limited, particularly for free versions, necessitating reliance on community forums or external support for troubleshooting and customization.
- This reliance on external sources adds complexity and potential costs to effectively managing Present UMS, impacting its overall usability and maintenance for educational institutions.
- Marshai prioritizes data security through encryption, access controls, and audits, safeguarding sensitive information effectively.
- Its intuitive design ensures ease of use for all users, regardless of technical proficiency, enabling immediate adoption without extensive training.
- With straightforward setup and clear instructions, Marshai offers a seamless onboarding process, enhancing accessibility for new users.

# TIMELINE

Project Schedule

Start Working in Project

**Synopsis- 15/03/2024**

1

2

**Project Evaluation 1**
**30/03/2024**

- ✓ Login page
- ✓ Home page
- ✓ And basic Skelton of our website

3

**Project Evaluation 2**
**15/04/2024**

- ✓ Student side interface
- ✓ Teacher side interface

4

**Project Evaluation 3**
**30/04/2024**

- ✓ Hod side interface
- ✓ Examination cell interface
- ✓ Start making documentation simultaneously

5

- ✓ Link each module to each other’s interface
- ✓ Make database connectivity
- ✓ documentation

**Project Evaluation 4**
**15/05/2024**



6

**Project Evaluation 5**
**30/05/2024**

- ✓ Database connectivity
- ✓ Testing
- ✓ Hosting
- ✓ Complete the documentation

# References :


Moodle LSM(https://moodle.org/)
My Camu(https://www.mycamu.co.in/)
Talent LMS (https://app.talentlms.com/login)
Open LMS (https://www.openlms.net/)
Auedu (https://onlinelearning.auedu.in/users/login)
LMS.mlrit(https://lms.mlrit.ac.in/)
ISTM(https://www.istm.gov.in/lms/login)
APSCHE LMS (https://apschelms.e-pragati.in/#/)
LPU UMS (https://www.lpu.in/student_services/ums.php)
UTU UMS (https://online.uktech.ac.in/ums/student/account/login)

# Thank you