IJIRCCE

e-ISSN: 2320-9801 | p-ISSN: 2320-9798

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

Volume 12, Issue 11, November 2024

INTERNATIONAL STANDARD SERIAL NUMBER INDIA

Impact Factor: 8.625

© 2024 IJIRCCE | Volume 12, Issue 11, November 2024| DOI: 10.15680/IJIRCCE.2024.1211067

www.ijircce.com | e-ISSN: 2320-9801, p-ISSN: 2320-9798| Impact Factor: 8.625| ESTD Year: 2013|

International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)

(A Monthly, Peer Reviewed, Refereed, Scholarly Indexed, Open Access Journal)

Intelligent Platform to Interconnect Alumni and Student

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ABSTRACT: Alumni-Student Interconnect Platform aiming to enhance the relationship between university alumni and current students of university. By creating a user-friendly and interactive platform will serve for connecting alumni and with current students, offering features such as events, webinars, and channels for career guidance and career development. As many students feel difficulty to build their career because of lack of knowledge and guidance to choose the correct path. The alumni plays crucial role they shares ideas to the students based on their experience. This platform provides a space for alumni to share their experiences that benefits current students.

KEYWORDS: Alumni network, student engagement, career development, user-friendly interface

I. INTRODUCTION

It is an intelligent platform to interconnect a current student and alumni of the university. As the technology landscape is rapidly evolving the gap between educational institutions and industrial expectations are increasing. As the colleges provide the knowledge to students regarding academic and theory skills so the students will struggle to equip them in real world and practically in the technical fields. In this situation students will be facing problems as they were unprepared for this type of challenges.

At this time an alumni who has faced the challenges in technical fields and got succeeded will help the current students by creating the webinars and the events to the students using this platform so that students will registered the events and webinars so they will be ready to face the challenges in the technical field .These webinars and event helps the students to decrease the gap between educational institutions and industrial expectations so that students can built their career in technical fields.The main aim of the platform is to give career guidance and growth to students from alumni by creating events.

II. RESEARCH METHODOLOGY

The methodology focuses on developing an user friendly platform for the alumni and student to interconnect. The system has three user interfaces: alumni, student and admin.

The alumni interface allows to view their profiles, update their profiles, create events, view register student details for the created event and view other student profiles. The student interface allows to view their profile, update their profiles, view events, register for events and view other alumni profiles. The admin interface allows to manage the events, manage the student profiles, manage the alumni profiles, view registered student data for every event. Data was collected by testing the system with several users. Alumni and student registration, creating event by alumni, register event data was stored in a MySQL database. The structured database helped in managing the interactions, recording data and organizing data efficiently for alumni to review. Admin can access this data through an interface to manage events, student profiles, alumni profiles. All interactions and feedback were stored in my sql database, making it easier for educational institutions to track engagement and improve the system based on user behaviour. The iterative process of collecting data and testing from both students and alumni helped refine the system it will improves the system performances.

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III. THEORY

In theory in this platform there are three types of users they are alumni, student and admin .This platform allows registration for both alumni and students, with all information stored in a MySQL database. Alumni can register by creating a unique user ID's and password. Once registered, they can log in to, view their profile, manage their profiles, create events, view register student data for the particular event and view student profiles. Event details will be stored in the database and students will be able to view them. Alumni profiles can be updated anytime using with the current password. Students can also register by creating their unique user ID's and passwords. Once registered, they can log in to, they can view their profiles, update profiles, view events, and they can register for events, view alumni profiles. Students can directly register any event they are interested in and attend it as per the schedule. The registered students data of an event will be save on the database. They can also update their profiles with the current password at any time and contact alumni via email for guidance and advice.

The platform has a single admin who has the full control over the system. The admin can log in using an admin ID and password to manage students, alumni, and events. The admin can remove any unauthorized users and events, view student profiles, view alumni profiles and view events, view registered student data for every event created by alumni. Additionally, the admin has the power to delete events data, alumni data, student data it will be automatically removed from the database.

IV. RESULTS AND DISCUSSION

The Alumni-Student Interconnect Platform was tested with group of peoples over a period of 2 weeks. The following outcomes are noted in this period.

- **Event Registration:** Students can register for events, and the event details are correctly stored in the database.
- **Profile Management:** Both students and alumni can update their profiles, and these updates are reflected accurately in the database.
- **Event Creation:** Alumni can create events, and these events are listed for students to view and register for.
- **Manage data:** Admin can manage events, alumni profiles, student profiles, if they are deleted it are reflected accurately in the database.

4.1 Preparation of Figures

The following figures illustrates the functionality of the alumni-student interconnect platform.

4.1.1 Formatting Figures

Figure1: Home page

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Figure2: Admin login

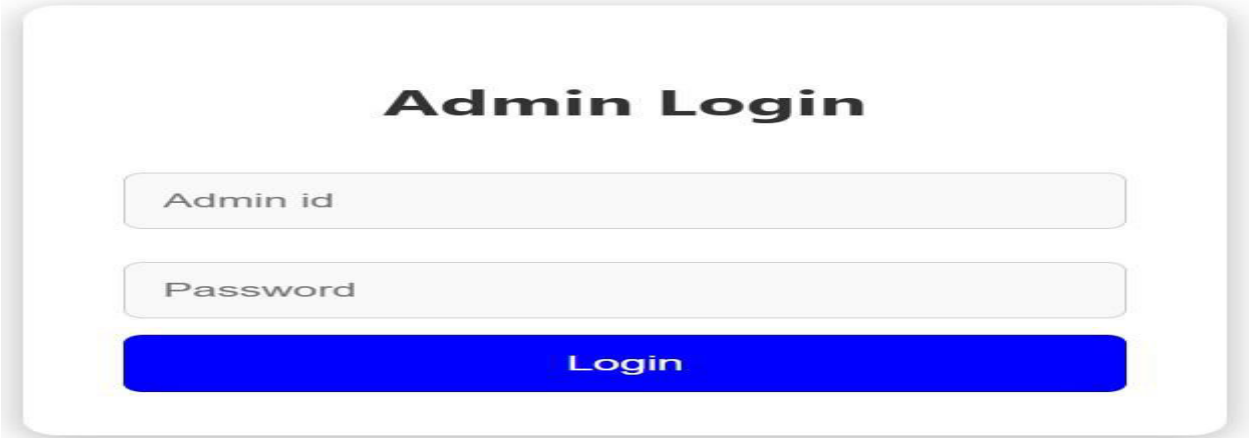

Figure3: Alumni login

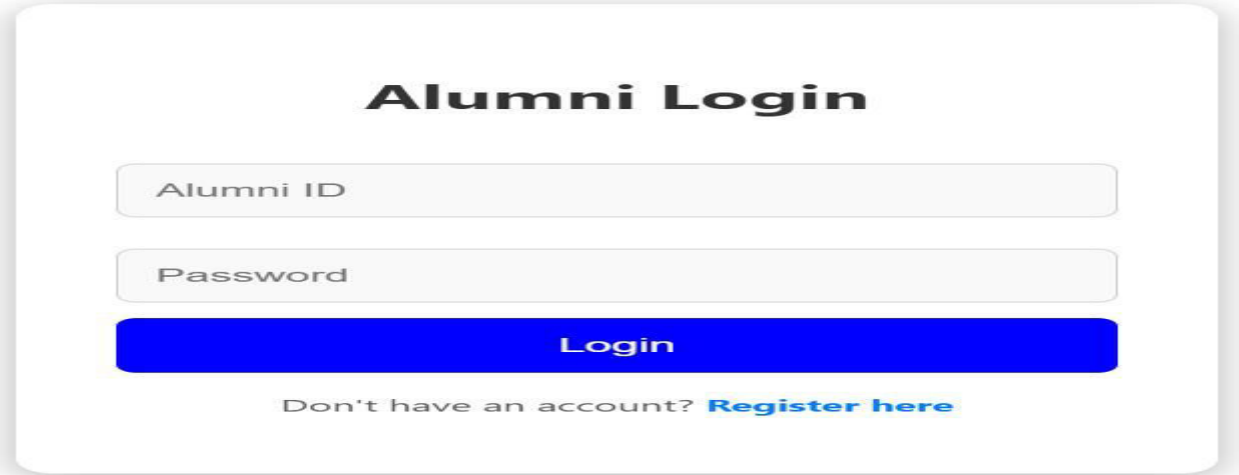

Figure4: Student login

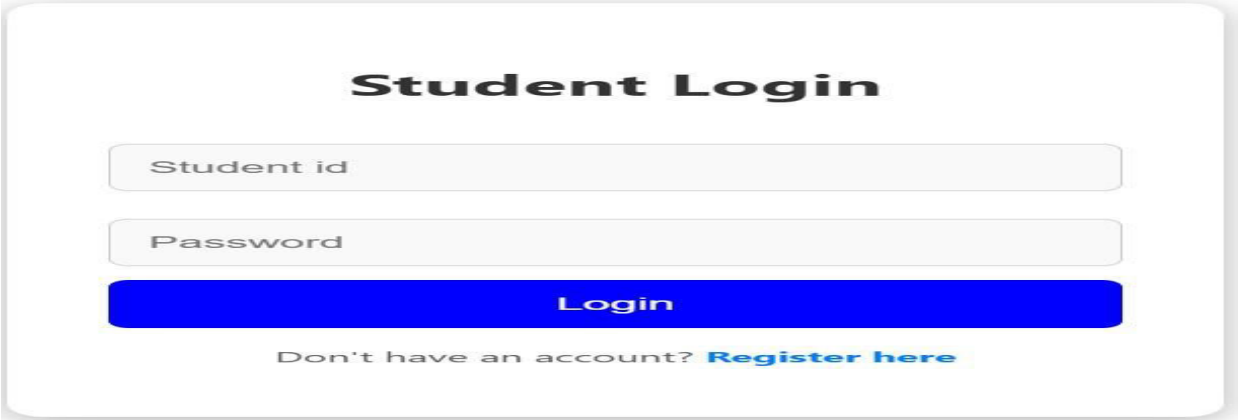

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Figure5: Alumni registration

Figure6: Student registration

Figure7: Admin dashboard

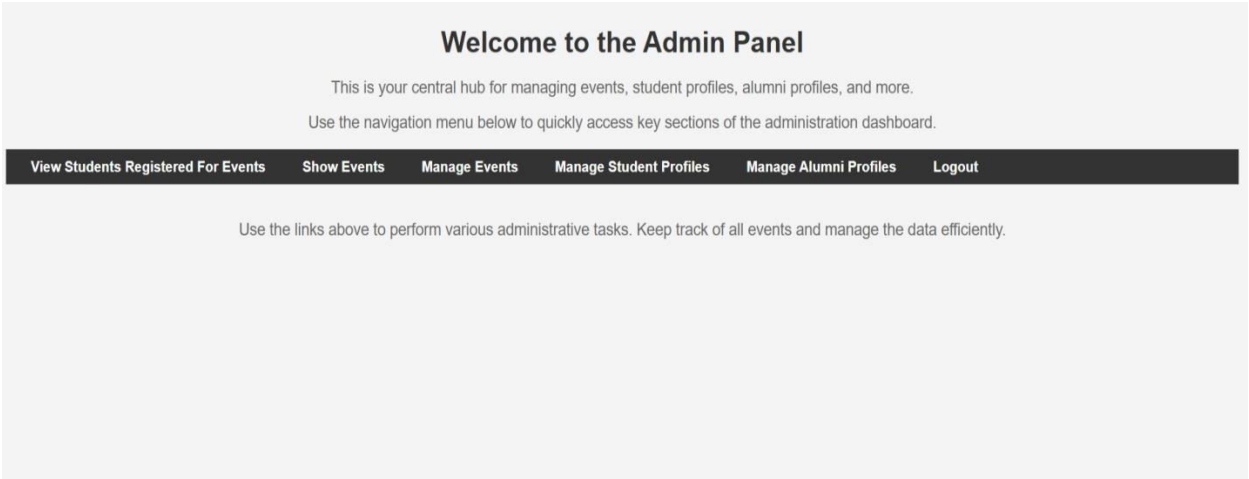

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Figure8:Registered students for events

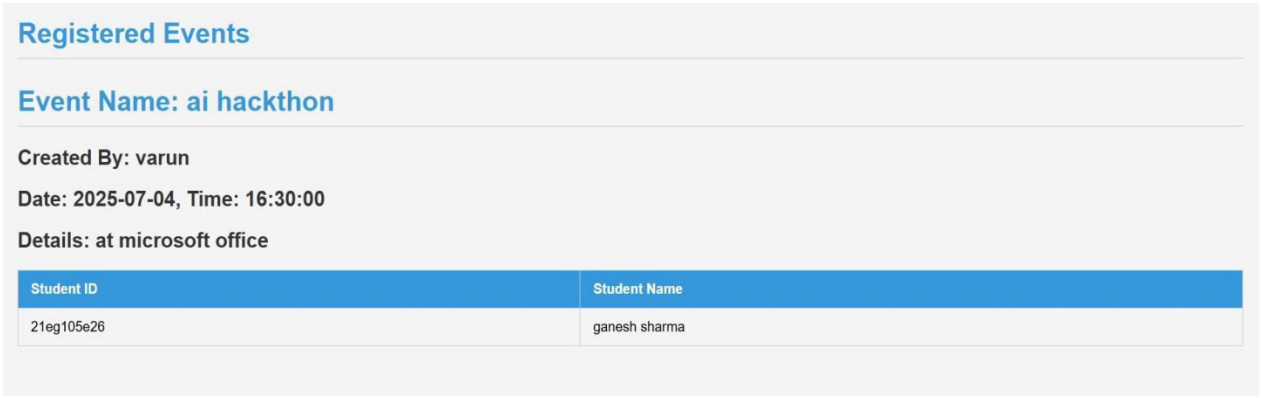

Figure9: Manage alumni data

Figure10: Manage students data

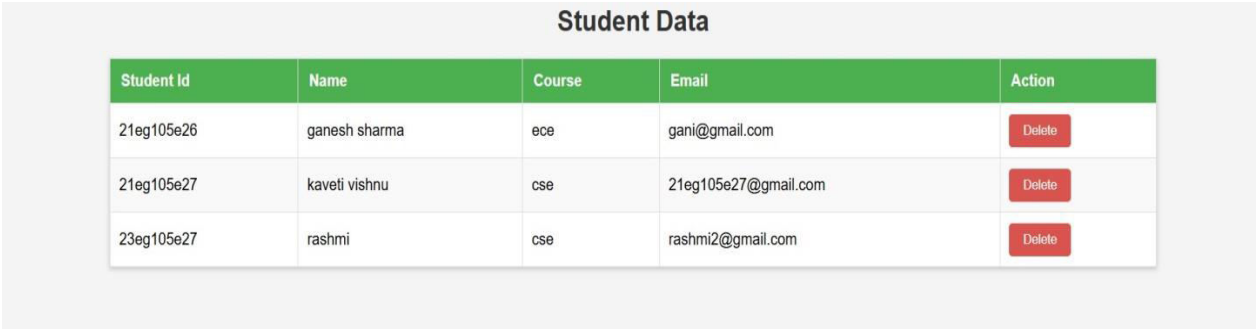

Figure11: Manage event data

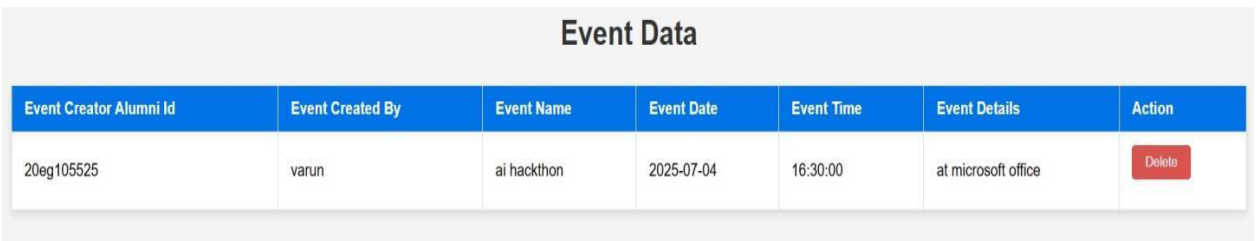

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Figure12: View alumni profile

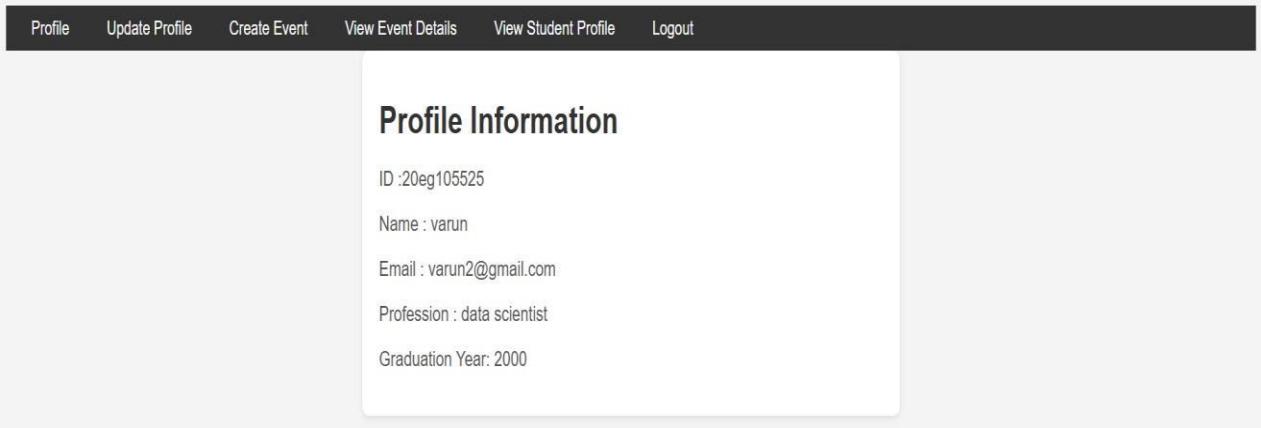

Figure13: Create event

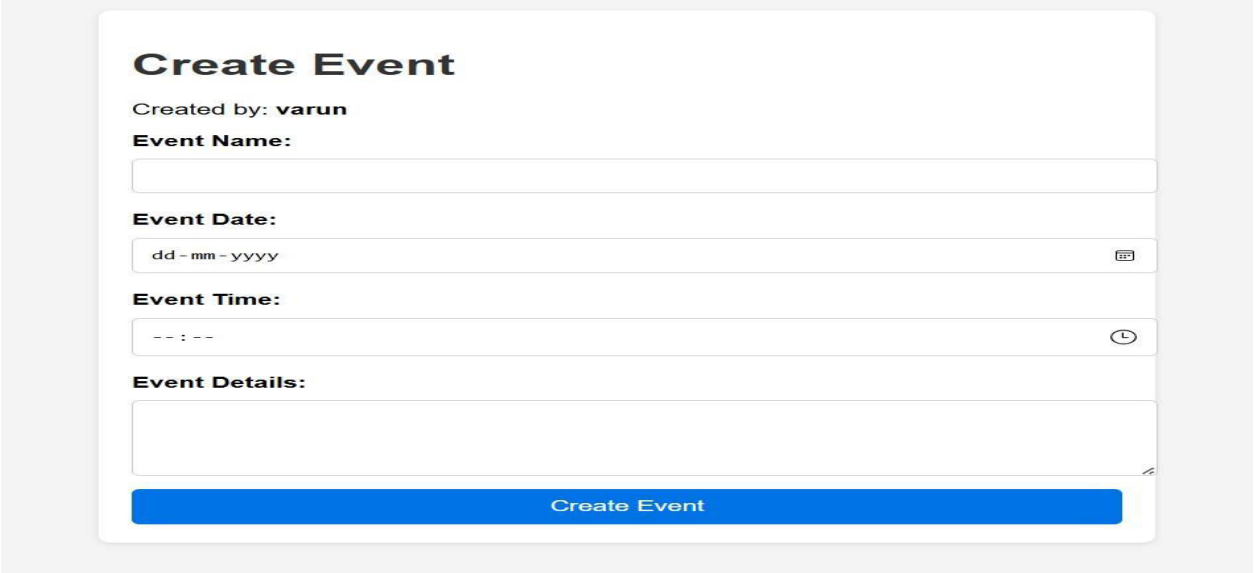

Figure14: View event details for particular event created by alumni

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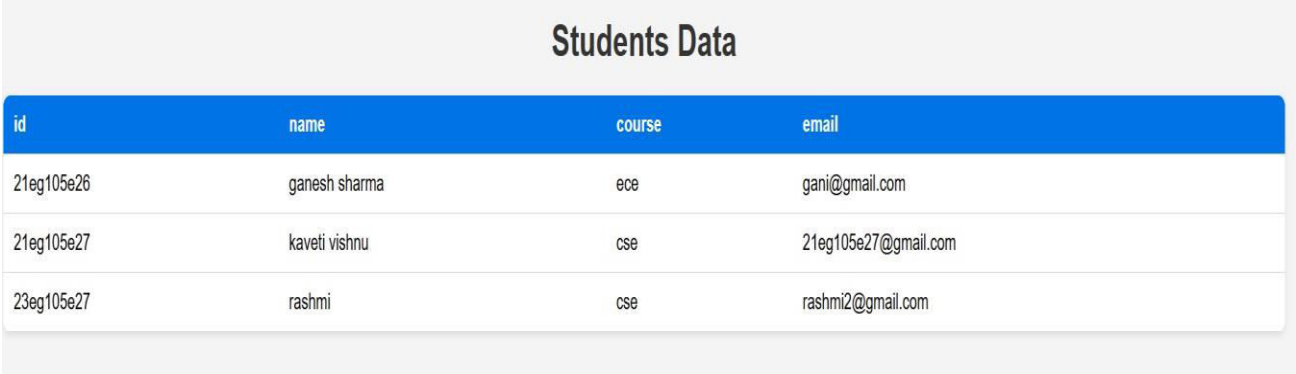
Figure15: View student profile



Students Data

id	name	course	email
21eg105e26	ganesh sharma	ece	gani@gmail.com
21eg105e27	kaveti vishnu	cse	21eg105e27@gmail.com
23eg105e27	rashmi	cse	rashmi2@gmail.com

Figure16: View login student profile

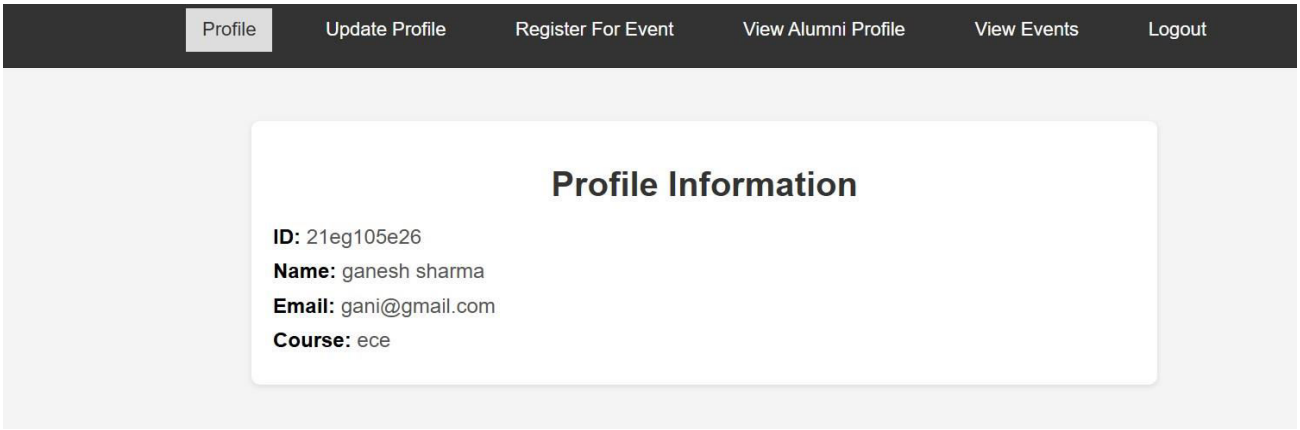
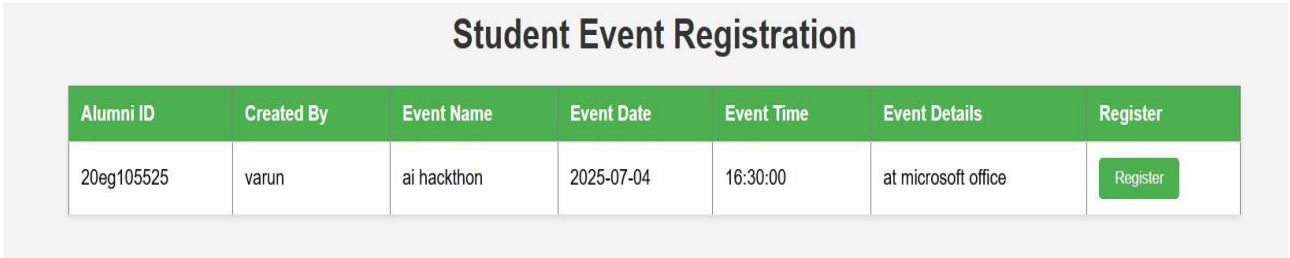


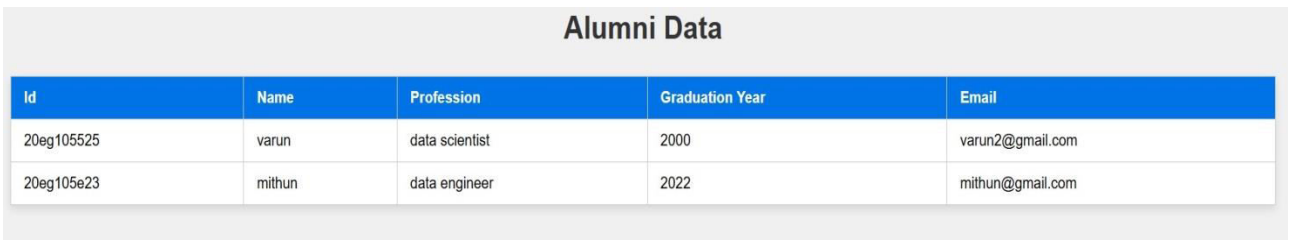
Figure17: Register for event



Student Event Registration

Alumni ID	Created By	Event Name	Event Date	Event Time	Event Details	Register
20eg105525	varun	ai hackthon	2025-07-04	16:30:00	at microsoft office	Register

Figure18: View alumni profile



Alumni Data

Id	Name	Profession	Graduation Year	Email
20eg105525	varun	data scientist	2000	varun2@gmail.com
20eg105e23	mithun	data engineer	2022	mithun@gmail.com

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V. CONCLUSIONS

This platform is used to interconnect between the alumni and student. The platform aims to bridge the gap between academic education and industrial expectations to prepare students for the new challenges to be faced in the technical fields as students fell short in practical skills necessary for success in technical field .This platform identified that alumni is a powerful weapon for the resource to bridge this gap. By using this platform students will be having an idea how to get succeed in this field and they can choose the correct path to build their career. By using the MySQL database it will store and manage data. In future we can focus on ai-based searching algorithm, addressing scalability issues, improving the user interface.

VI. DECLARATIONS

6.1 Study Limitations
None.
6.2 Acknowledgements
None.
6.3 Funding source
None.
6.4 Competing Interests
The authors declare no competing interests.

VII. HUMAN AND ANIMAL RELATED STUDY

This study does not involve physical testing or data collection from humans or animals.
7.1 Informed Consent
All tests were conducted with the consent of participant's legal guardians.

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