∞ Corridor: Corridor of Infinite Opportunities

Second year Mini Project Report

Submitted in partial fulfillment of the requirements of the

degree

BACHELOR OF ENGINEERING IN COMPUTER ENGINEERING

By

Madhura Golatkar (D7A/ 25)

Aditi Dubey (D7A/20)

Juhi Birare (D7A/11)

Nupur Pathare (D7A/48)

Om Patil (D7B/70)

Supervisor

Dr. Rohini Temkar

Department of Computer Engineering

Vivekanand Education Society's Institute of Technology

HAMC, Collector's Colony, Chembur,

Mumbai-400074

University of Mumbai

(AY 2023-24)

CERTIFICATE

This is to certify that the Mini Project entitled "∞ **Corridor: Corridor of Infinite Opportunities"** is a bonafide work of **Madhura Golatkar (D7A/25), Aditi Dubey (D7A/20), Juhi Birare (D7A/11), Nupur Pathare (D7A/48), Om Patil (D7B70)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **"Bachelor of Engineering"** in **"Computer Engineering".**

(Dr.__Rohini Temkar_)

Supervisor

(Prof._____)

Head of Department

(Prof._____)

Principal

Mini Project Approval

This Mini Project entitled " ∞ Corridor: Corridor of Infinite Opportunities " by **Madhura Golatkar (D7A/25), Aditi Dubey (D7A/20), Juhi Birare (D7A/11), Nupur Pathare (D7A/48), Om Patil (D7B/70)** is approved for the degree of **Bachelor of Engineering** in **Computer Engineering.**

Examiners

1..
(Internal Examiner Name & Sign)

2..
(External Examiner name & Sign)

Date:

Pla

Abstract

In today's rapidly evolving landscape of education and professional development, the Infinity Corridor: Corridor of Infinite Opportunities app stands at the forefront of innovation, providing a transformative solution to the enduring challenge of bridging the gap between talent and opportunity. With its diverse array of features, including competitions, hackathons, quizzes, and access to prestigious IEEE Conferences, Infinity Corridor offers users not just a platform, but a springboard for personal and professional growth.

Central to Infinity Corridor's mission is its unwavering commitment to fostering creativity, innovation, and lifelong learning. By empowering users to showcase their talents, collaborate with peers, and access valuable opportunities, the app seeks to redefine the very fabric of how students and professionals engage with educational institutions and corporations. Through real-time notifications and centralized event listings, Infinity Corridor facilitates seamless connectivity and community engagement, providing individuals with the tools they need to unlock their full potential in an environment that champions intellect and curiosity.

Infinity Corridor represents more than just a technological innovation; it symbolizes a paradigm shift in the way we perceive education and career advancement. By offering a seamless pathway to success in an ever-changing world, Infinity Corridor is poised to revolutionize traditional paradigms and usher in a new era of boundless opportunities for growth and advancement.

<u>Acknowledgments</u>

We extend our deepest appreciation to Dr. Rohini Temkar and for their invaluable mentorship, expertise, and unwavering support throughout the entire journey of developing the Infinity Corridor: Corridor of Infinite Opportunities app. Dr. Temkar's guidance has not only provided direction but also enriched our understanding of the complexities involved. Their insights have been instrumental in shaping the strategic direction of our project, ensuring that we navigated challenges effectively and capitalized on opportunities.

We also wish to express our profound gratitude to our dedicated teachers of our institute. Their tireless efforts, innovative thinking, and unwavering commitment have been essential in transforming ideas into reality. Their collective expertise and collaborative spirit have been the driving force behind the success of this endeavor. Their resources, encouragement, and collaborative efforts have significantly enhanced our capabilities and facilitated the realization of our goals. It is through this collective effort and shared vision that the Infinity Corridor app stands as a testament to what can be achieved through collaboration, dedication, and perseverance.

1. Introduction

1.1 Introduction

The gap between talent and opportunity has become a significant challenge in today's fast-paced world. Students and professionals face many challenges due to the absence of a centralized and user-friendly platform and often struggle to showcase their skills, connect with institutions and businesses, and secure recognition and rewards. This gap results in missed collaborations and untapped potential.

Existing systems often lack comprehensive platforms that showcase students' skills and achievements, limiting their visibility to potential educational institutions and employers. Opportunities for students are scattered across various platforms, making it challenging to discover and participate in hackathons, competitions, workshops, and networking opportunities. Lack of a centralized platform leads to isolation and disconnection among individuals seeking collaboration and engagement. Networking opportunities are not efficiently facilitated, hindering the potential for meaningful interactions. Addressing these limitations is critical to bridge the gap between talent and opportunity, promoting a more inclusive, accessible, and collaborative environment for students to thrive and succeed.

This paper describes the design and implementation of an app: ∞ Corridor that revolutionizes how students and professionals engage with educational institutions and corporations. Users can immerse themselves in hackathons and prestigious IEEE Conferences, fostering creativity, collaboration, and growth. College technical events and internships promote lifelong learning and the users are kept informed. ∞ Corridor is more than an app; it's a gateway to a future where intellect and curiosity are celebrated, allowing users to shine, connect, and evolve. The app aims to democratize access to opportunities, ensuring individuals from diverse backgrounds can benefit, thus breaking down barriers to inclusivity and accessibility. It caters to a diverse range of users, including students interested in hackathons, learners seeking internships and workshops. The app features an intuitive and captivating interface that users can tailor to their experience, matching them with opportunities and enhancing their engagement with relevant events. It ensures convenience for users, enabling on-the-go access to valuable educational opportunities.

∞ Corridor is a centralized platform for event listings, registration, and real-time notifications, fostering a connected community. The app facilitates collaboration between institutions and companies by allowing them to post opportunities and engage with potential students and participants. This paper serves as an introduction and user's guide to ∞ Corridor and also elaborates on the app's design, along with the technical intricacies of its implementation. It describes the scope, features and content organization of the app and how users can become involved in its further development.

1.2 Motivation

The motivation behind ∞ corridor was rooted in a vision to redefine education and professional development, recognizing the need for a dynamic and inclusive platform to propel individuals forward in their pursuits:

1. Empowering Growth: ∞ corridor aimed to empower individuals by providing a hub for a broad spectrum of educational opportunities, from competitions to conferences, nurturing knowledge, critical thinking, and collaboration.

2. Fostering Creativity and Collaboration: The platform sought to stimulate creativity and collaboration through hackathons and competitions, encouraging users to innovate and think creatively.

3. Facilitating Lifelong Learning: By offering courses, webinars, and workshops, ∞ corridor endeavored to promote continuous learning and skill development, essential for success in a rapidly evolving world.

4. Ensuring Inclusivity and Accessibility: The app aspired to democratize access to opportunities and scholarships, ensuring individuals from diverse backgrounds could partake and benefit, thus breaking down barriers.

5. Keeping Users Informed and Engaged: Trendy articles and updates were incorporated to keep users informed about emerging trends, fostering informed decision-making and relevance in various fields.

6. Celebrating Intellectual Curiosity: ∞ corridor aimed to be a space that celebrated and encouraged intellectual curiosity, allowing users to explore and delve into diverse subjects.

7. Creating a Path to Success: The platform aimed to create a pathway to success by showcasing talents, participating in prestigious events like IEEE Conferences, and offering scholarships, thus recognizing and rewarding users' efforts.

In essence, ∞ corridor envisioned itself as a transformative gateway, where users could unleash their potential, connect with opportunities, and evolve on a path towards a successful and fulfilling future.

1.3 Problem Statement & Objectives

The disparity between talent and opportunity has emerged as a formidable obstacle in today's dynamic environment. Both students and professionals often encounter difficulties in effectively showcasing their skills, establishing connections with educational institutions and businesses, and attaining due recognition and rewards. This gap leads to missed opportunities for collaboration and the underutilization of potential. A notable challenge arises from the absence of a centralized and user-friendly platform for students to explore and engage in events. The current educational and professional landscape is beset by several hurdles, such as limited visibility, constrained access to opportunities, feelings of isolation and disconnection, ineffective skill.

1.4 Organization of the Report

The introduction sets the stage for the report, beginning with a general overview (1.1 Introduction) of the topic. Motivation (1.2) elucidates the reasons driving the research or project, followed by the Problem Statement & Objectives (1.3) that delineate the issue at hand and the intended goals. The organization of the report (1.4) is outlined, providing readers with a roadmap of what to expect. The Literature Survey delves into existing knowledge. It commences with a Survey of Existing System (2.1), presenting an overview of the current state of the subject. Limitations of the existing system or research gaps (2.2) are discussed, identifying areas where improvements or advancements are needed. The section also highlights the Mini Project Contribution (2.3), explaining how the present project aims to fill the identified gaps. The Proposed System introduces a novel approach or system. Beginning with an Introduction (3.1), it provides a comprehensive overview. Architecture/Framework (3.2)offers insights into the structure and framework of the proposed system, while Algorithm and Process Design (3.3) explain the methodologies employed. Details of Hardware &Software (3.4) shed light on the technological aspects. Experiments and Results (3.5) present findings, and Conclusion and Future Work (3.6) summarize the outcomes and suggest future research directions. Lastly, the References section is a compilation of all the sources referenced throughout the report, allowing readers to explore the cited works in depth.

2. LITERATURE SURVEY

2.1 Survey of Existing System

The product to be developed is a new, self-contained system. The present existing system is the word-of-mouth propagation of the information about the events or the use of mails and social media sites. This is not the best possible approach that there is to spread information. The proposed system will have to cater to the needs of varied types of users.

Users of the system:
∞ corridor app caters to a diverse range of users, including students interested in hackathons, learners seeking courses, webinars, and workshops, educational institutions showcasing their programs, students seeking internships, scholarships, professionals seeking job opportunities, innovators and entrepreneurs seeking collaboration, employers seeking interns and skilled professionals, and businesses promoting their brand. The app also caters to event organizers, industry experts and leaders, scholarship providers, and content creators and writers. The app's user-friendly interface allows users to connect with peers and industry experts, collaborate, and showcase their ideas. The app also offers networking and collaboration features, such as user profiles, discussion forums, and direct messaging. The scholarship portal will offer a comprehensive database of scholarships, grants, and financial aid opportunities, with application guidance and eligibility criteria. Users can also receive points, badges, and virtual rewards for active participation and achievements, as well as showcases of top performers and winners in competitions and challenges. Users can earn certifications and badges to validate their skills and access industry experts and leaders through interactive sessions.

2.2 Limitation Existing system or research gap

The existing systems in the educational and professional landscape are burdened with several limitations, exacerbating the gap between talent and opportunity:

1. Limited Visibility and Exposure:
Existing systems often lack comprehensive platforms that showcase students' and professionals' skills and achievements, limiting their visibility to potential educational institutions and employers.

2. Scattered Opportunities:
Opportunities for students and professionals are scattered across various platforms, making it challenging to discover and participate in events, competitions, workshops, and networking opportunities.

3. Isolation and Disconnection:

Lack of a centralized platform leads to isolation and disconnection among individuals seeking collaboration and engagement. Networking opportunities are not efficiently facilitated, hindering the potential for meaningful interactions.

4. Inefficient Skill Development:

The current landscape often falls short in providing efficient skill development mechanisms, leaving individuals struggling to acquire the necessary skills demanded by the rapidly evolving job market.

5. Innovation Bottlenecks:

Innovation is stifled due to limited platforms that encourage and support creative thinking, problem-solving, and collaboration among students and professionals.

6. Financial Constraints:

Many platforms require substantial fees or financial commitments for participation, limiting access for individuals, especially those from economically disadvantaged backgrounds.

7. Inaccessible College Experiences:

The lack of a virtual platform to experience college events, fairs, and festivals hinders the ability to engage with academic life and explore future educational opportunities.

8. Lack of Streamlined Feedback Mechanisms:

Existing systems often lack effective feedback mechanisms for users to share their experiences and insights, hindering improvements and enhancements to the platform. Addressing these limitations is critical to bridge the gap between talent and opportunity, promoting a more inclusive, accessible, and collaborative environment for students and professionals to thrive and succeed.

2.3   Mini Project Contribution

The ∞ Corridor app is a revolutionary platform that addresses the limitations present in the existing educational and professional landscape, making significant contributions to the way individuals interact with education, career opportunities, and innovation challenges. Here are the key contributions of the app:

1. Unified Platform for Event Information:

The app consolidates event listings, streamlines registration processes, and provides realtime notifications, solving the challenge of scattered event information for college students. This central hub enhances event discovery and participation, creating a seamless and engaging user experience.

2. Intuitive Interface and Personalization:

The app features an intuitive and captivating interface, coupled with personalized profiles and advanced search filters. Users can tailor their experience, matching them with opportunities aligned to their profiles, enhancing their engagement with relevant events and activities.

3. Comprehensive Information Hub:

The app provides comprehensive information about a variety of intellectual engagements, virtual college festivals, events, courses, webinars, and workshops. It serves as a one-stop platform for individuals seeking knowledge, educational experiences, and skill development.

4. Networking and Collaboration Features:

∞ Corridor offers networking and collaboration features such as user profiles, discussion forums, and direct messaging. This facilitates meaningful connections and collaborations among users, fostering a sense of community and collaboration.

5. Recognition and Motivation

Users are incentivized through a points and badges system, earning virtual rewards for active participation and achievements. This recognition motivates users to engage more with the platform and showcase their talents, fostering a vibrant and active community.

6. Professional Development and Industry Connections:

Users can earn certifications and badges to validate their skills and access industry experts and leaders through interactive sessions. This fosters professional development and creates a bridge between aspiring students and established professionals in various industries.

7. Institution and Company Collaboration:

The app facilitates collaboration between institutions and companies by allowing them to post opportunities and engage with potential students and participants. This opens up avenues for educational and career growth, creating a bridge between academia and the professional world.

8. Cross-Platform Availability:

By being available on both iOS and Android devices, the app ensures accessibility and convenience for users, enabling on-the-go access to valuable educational and professional opportunities.

In summary, the ∞ Corridor app contributes by breaking down barriers, connecting individuals with opportunities, fostering a sense of community, empowering personal and professional growth, and revolutionizing the way education and career opportunities are discovered and engaged with

3. PROPOSED SYSTEM

3.1 Introduction

The ∞ Corridor app is poised to address the challenge of fragmented event information for college students by providing a centralized platform. Through consolidating event listings, simplifying registration processes, and offering real-time notifications, our app will redefine event discovery and participation, making it seamless and engaging. With an intuitive interface, personalized profiles, and advanced search filters, users will effortlessly find opportunities tailored to their interests. The app will encompass a wide range of intellectual engagements, virtual college festivals, and events, along with a catalog of courses, webinars, and workshops.

Additionally, the app will foster networking and collaboration through user profiles, discussion forums, and direct messaging. Users will be rewarded with points, badges, and virtual rewards for active participation and achievements, with showcases of top performers and competition winners. They can also earn certifications and badges to validate their skills and connect with industry experts through interactive sessions. Facilitating collaboration between institutions and companies, the app will enable them to post opportunities and engage with potential students and participants.

The app aims to revolutionize the way individuals interact with education, career opportunities, and innovation challenges. By fostering engagement and connections while empowering continuous learning, it addresses the limitations of traditional methods. The ∞ Corridor app is designed to cultivate a vibrant community of informed and active students who can effortlessly explore, register for, and engage with a diverse range of events, ultimately paving the way for a brighter future.

3.2 Architecture/ Framework

The architecture and framework of the student event notification app are designed to provide users with a seamless and intuitive experience for event discovery, registration, and participation. The following points outline the key components and functionalities within this architecture:

1. User Authentication and Profile Management:
 - Authentication module handles user registration and login, including email verification for account validity.
 - User profiles store essential details and optional additional information for a personalized experience.

2. Event Data Management:

- Event data storage manages information related to events, including date, time, location, description, and participating colleges.
- Database supports efficient querying and retrieval of events based on various filters like event type, date, and location.

3. Event Presentation and Interaction:
- Frontend displays the homepage with featured and upcoming events, utilizing filters and scroll features for event exploration.
- Dedicated event pages provide detailed event information and registration options for users.

4. Event Registration and Notification:
- Event registration system processes user registrations for events and facilitates confirmation or additional details submission based on event organizer preferences.
- Real-time notification system ensures users receive event reminders through the website and email.

5. User Interaction and Engagement:
- User interaction modules manage user engagement, allowing feedback submission, ratings, and interaction with other attendees post-event.
- Discussion forums and comment sections facilitate interactions between users related to specific events.

6. Recommendation Engine:
- Recommendation engine utilizes user preferences and past interactions to suggest personalized event recommendations.
- Machine learning algorithms help enhance the relevance and accuracy of event recommendations.

7. Account Security and Access Control:
- Security module ensures account security by managing user sessions, access control, and secure logout functionalities.
- Encrypted communication protocols enhance data security during user interactions.

8. Event Contribution and Feedback:
- Optional event contribution module allows users to submit event listings, contributing to a diverse event portfolio.
- Feedback and support module gathers user feedback and suggestions to enhance the platform's usability and user experience. By integrating these architectural components, the app offers a structured and user-friendly platform for students to engage with events, encouraging seamless event discovery, easy registration, and meaningful participation.

3.3 Algorithm and Process Design
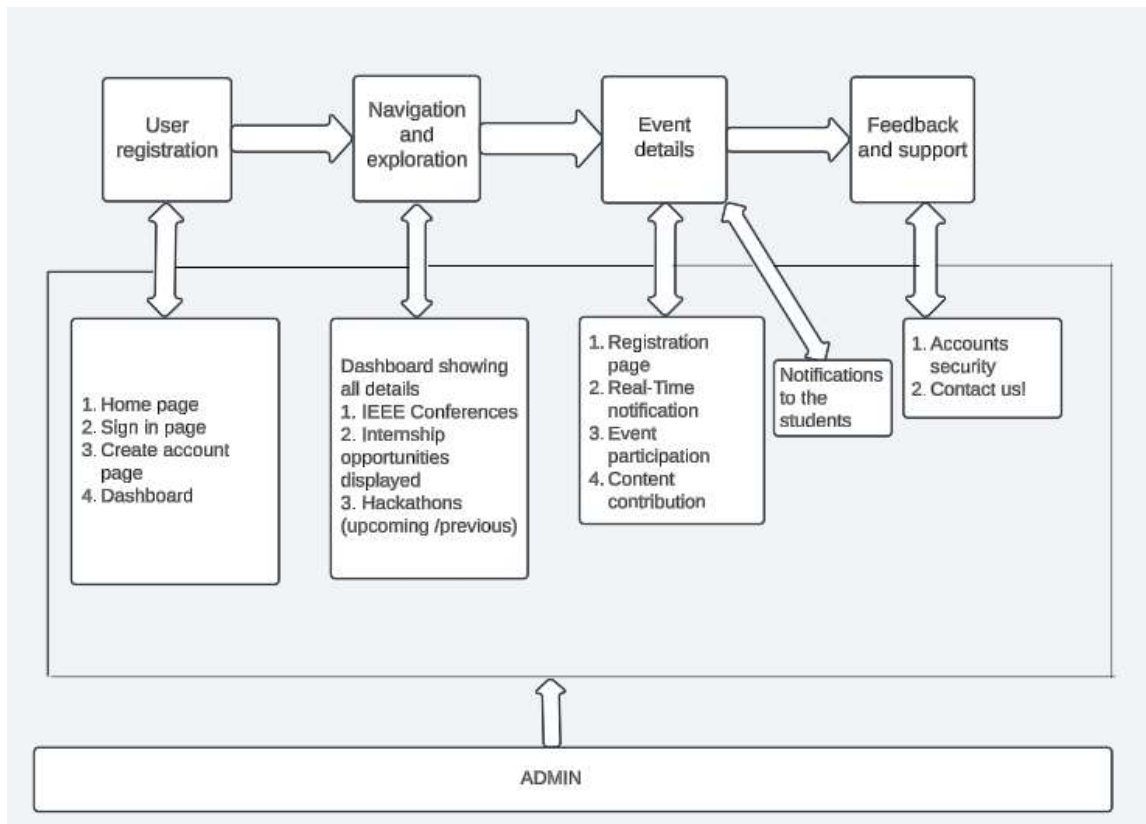
3.4 Details of Hardware & Software

Hardware Requirements:
- A Mobile Device
- Computer
- Internet Connection

Software Requirements:
- Android Studio
- Flutter
- Dart
- API Development Tools
- Java
- MySQL
- Php

3.5 Experiment and Results

1. User Registration and Profile Creation:

   - Users will access the app and register by providing essential details like name, email, and password.
   - Verification might be required through email to ensure the validity of provided information.
   - After successful registration and verification, users will create their profiles with additional information if desired, such as interests, skills, and academic background. This can be seen in Fig.1

2. Navigation and Exploration:
   - Upon logging in, users will land on the homepage featuring different sections:
     1. VESIT College Events
     2. IEEE Conferences
     3. Internship Opportunities
     4. Hackathons
     5. Comments Section
   - Each section will have a list of relevant events or opportunities.
   - Users can browse through the lists by scrolling or using search filters based on event type, date, location, etc.

3. Event Details and Registration:
   - Clicking on an event will direct users to a dedicated page displaying event details, including date, time, location, and description.
   - Users interested in participating can register for the event through the provided registration link
   - Registration processes may vary depending on the event's requirements, such as confirming participation or submitting additional details.

4. User Profile Management:
   - Users can access their profiles from the navigation menu to update personal information and view registered events.
   - Profile settings allow customization of notification preferences and other user-specific configurations.

5. Event Participation:

   - On the event day, users will attend the specified location based on the event details provided on the app.

   - After event participation, users may have the option to provide feedback or ratings, contributing to the improvement of future events.

6. Real-Time Notifications:

   - Users who have registered for events will receive real-time notifications through the app and/or email, reminding them about upcoming events.

   - Notifications include event reminders, updates, and any changes in schedule or venue.

7. Registration Management:

   - The app's database efficiently stores and manages registration details of students for various events. Administrators have access to a comprehensive dashboard where they can view, edit, and analyze registration data

   -The system facilitates smooth coordination of event logistics by providing organizers with real-time insights into attendee numbers and demographics.

8. Continuous Improvement:

- Continuous improvements and updates to the application are implemented by integrating user feedback and incorporating advancements in technology that will ensure a seamless and enriching user experience.

-The development team will remain responsive to user needs, actively seeking ways to improve usability, functionality, and content relevance.

Results:

Infinity Corridor is an innovative app that is changing the way professionals and students engage with businesses and educational institutions that is the best way to deal with the problem of dispersed event information. The software provides a single point for a variety of options, ranging from stimulating hackathons and competitions to perceptive quizzes and esteemed IEEE Conferences, webinars, workshops etc. to enables users to discover, cooperate, and flourish in a scholarly setting that celebrates their intelligence. This can be seen in Fig.4. It also has a large course library with options for all interests and ability levels
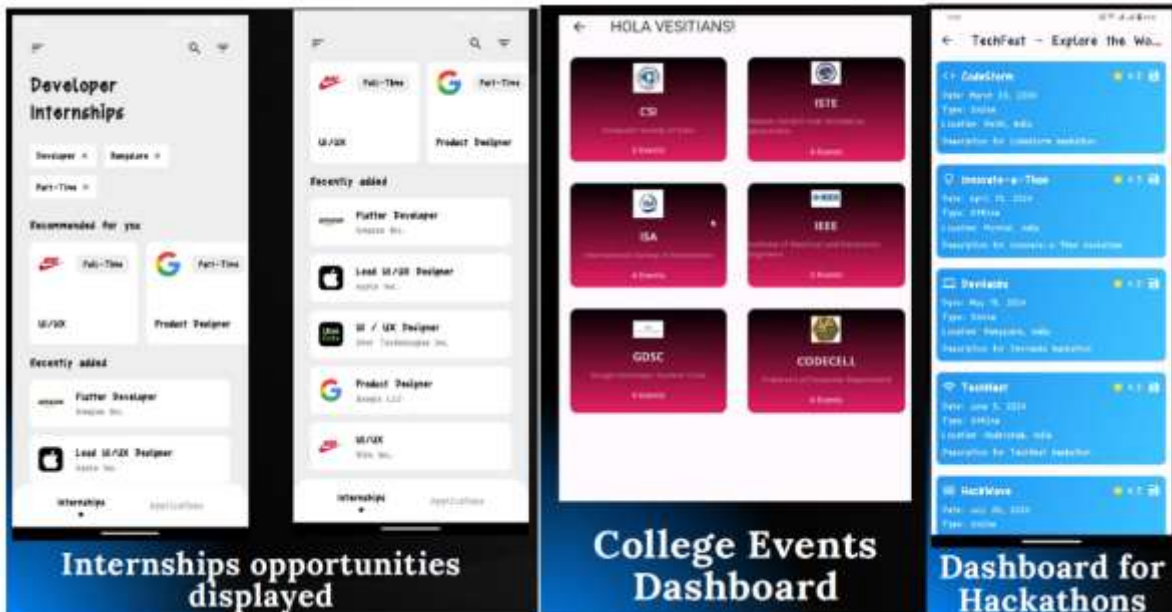

Home Page   **Sign In Page**   **Create Account Page**   **Dashboard**
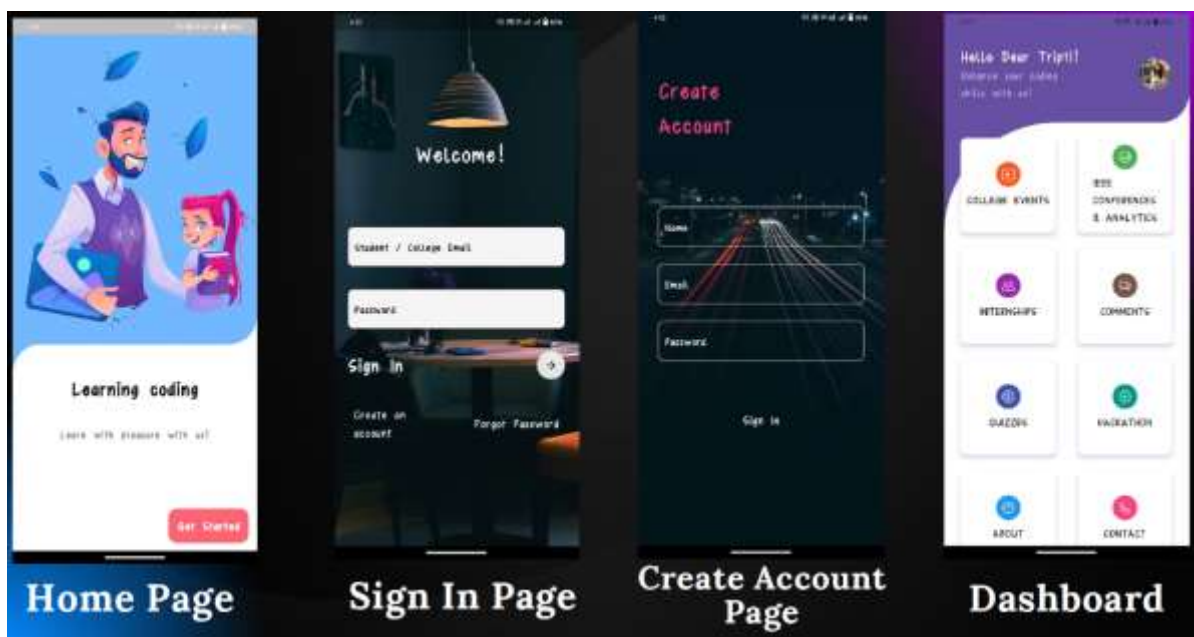
Users of Infinity Corridor have access to a multitude of opportunities for both career and personal development. They can work with peers from there institutions or university, take part in stimulating competitions that would test their abilities and inventiveness, and lose themselves in thought-provoking tests that pique their curiosity. It will also give students special access to well-known IEEE Conferences, giving them the chance to network with business leaders, show off their skills, and pave the way for success.

Dashboard showing all details
IEEE Conferences (Upcoming / Previous)
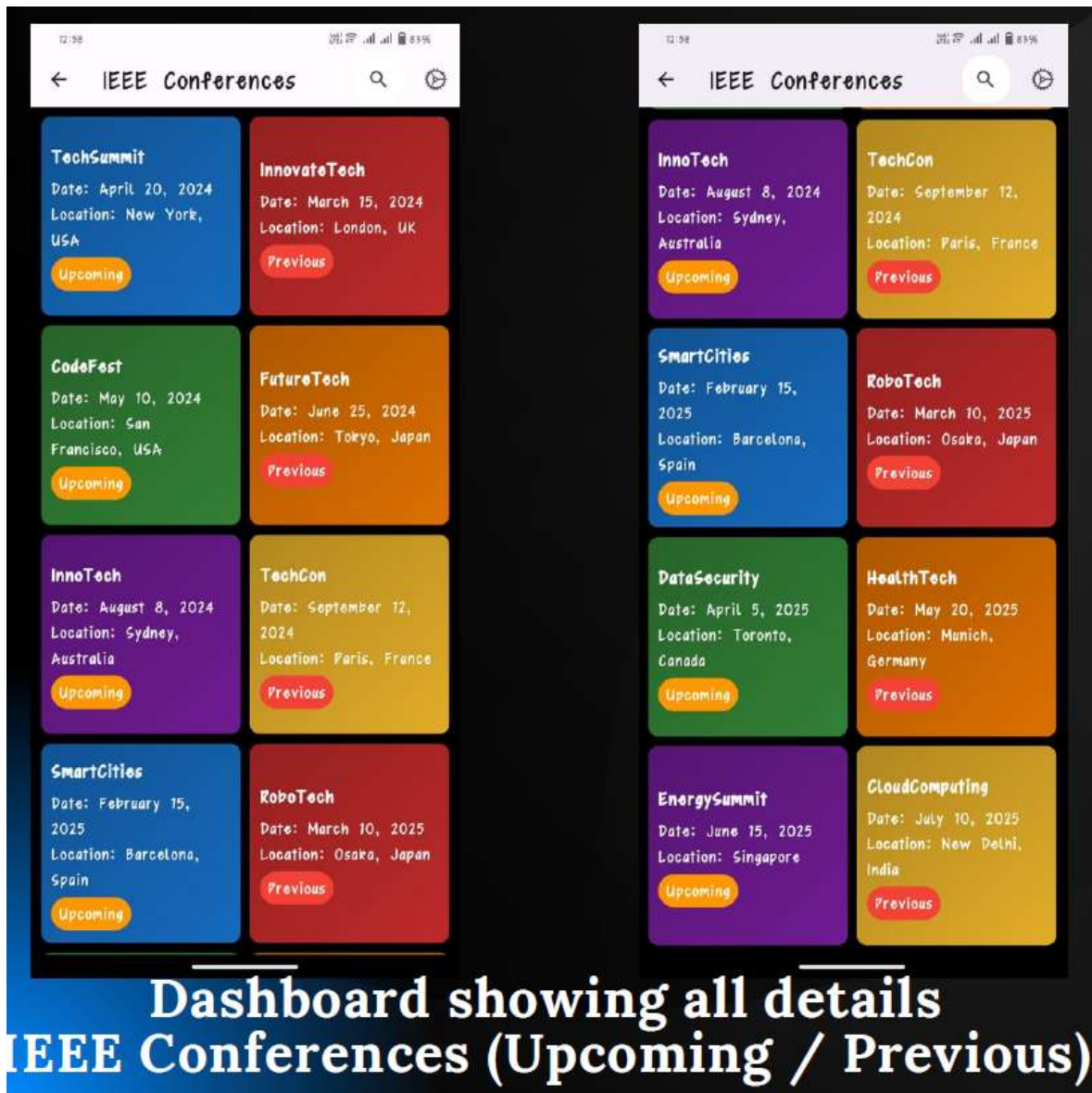
Through the consolidation of many professional and educational options under one roof, Infinity Corridor transforms how people approach difficulties related to learning, career progression, and innovation. The days of searching through numerous sites to obtain event details or sifting through a plethora of options to find appropriate courses are long gone. Rather, individuals may simply browse through a well-chosen range of options catered to their objectives and areas of interest. The best way to deal with the problem of dispersed event information for both professionals and college students is to use Infinity Corridor.
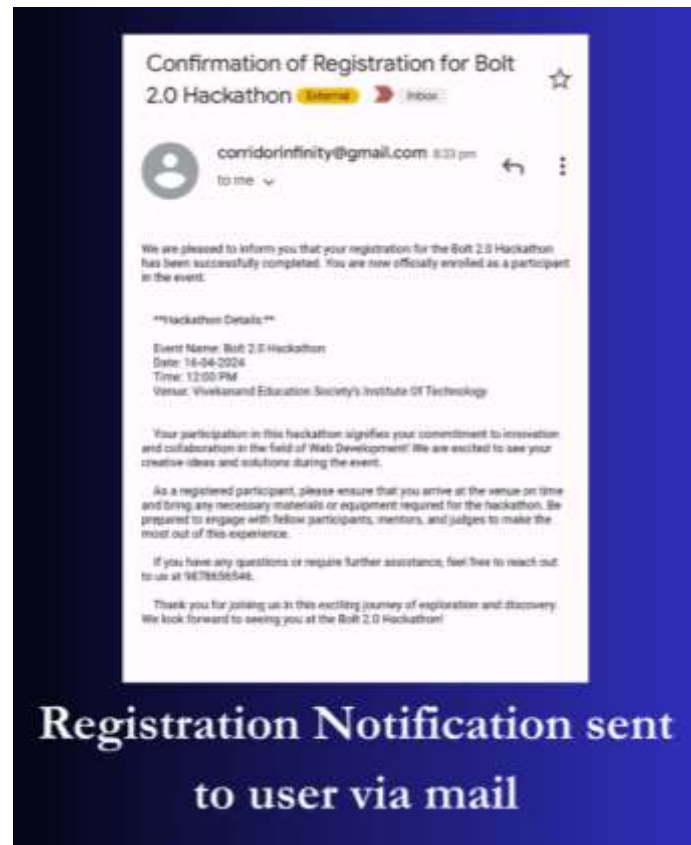
Upon logging into the Infinity Corridor: Corridor of Infinite Opportunities app, users will be greeted by the homepage, which hosts various sections catering to different interests and needs:

VESIT College Events, IEEE Conferences, Internship Opportunities, Users can find a curated list of available internships across various industries and fields. Hackathons, This section highlights upcoming hackathons, providing opportunities for users to participate in coding challenges and innovation competitions.

Internships opportunities displayed

College Events Dashboard

Dashboard for Hackathons

Workshops conducted by Technical Societies in VESIT

Details about the Workshop (Register Option provided)

Users who have registered for events will receive real-time notifications through the app and/or email, reminding them about upcoming events.

Notifications include event reminders, updates, and any changes in schedule or venue.

Registration Notification sent to user via mail

- The app's database efficiently stores and manages registration details of students for various events. Administrators have access to a comprehensive dashboard where they can view, edit, and analyze registration data

   -The system facilitates smooth coordination of event logistics by providing organizers with real-time insights into attendee numbers and demographics.

Registration Details in Database

3.5 Conclusion and Future work.

Conclusion

The Corridor app represents a transformative force in the realm of talent development and community connectivity. Through its centralized platform, it not only facilitates event listings, registrations, and real-time notifications but also serves as a catalyst for fostering meaningful connections and opportunities. By empowering individuals to showcase their talents and engage with institutions, companies, and peers, it creates a vibrant ecosystem where personal and professional growth thrives. By leveraging cutting-edge web technologies, the Corridor app offers a diverse range of experiences, from competitions and hackathons to quizzes and educational opportunities. These avenues not only enable users to unlock their potential but also provide pathways to recognition and tangible opportunities such as scholarships, internships, and jobs. In doing so, it bridges the gap between talent and opportunity, presenting a comprehensive solution that transcends traditional boundaries. Moreover, the Corridor app isn't just about individual advancement; it's about collective progress. By improving student engagement, fostering

collaboration, and promoting personal growth, it cultivates a sense of community and belonging. In a world where talent knows no bounds, the Corridor app stands as a beacon of possibility, demonstrating the transformative power of connectivity and empowerment. It represents a vision where every individual has the chance to thrive and contribute meaningfully to the world around them.

Future Work

In envisioning the future of the Corridor app, several key avenues for development emerge. First, we aim to amplify networking capabilities, fostering deeper connections among users through mentorship programs, specialized networking groups, and virtual meetups. Harnessing the power of artificial intelligence, our next step involves implementing personalized recommendations for events and opportunities, tailored to individual interests and past engagements. Further enriching the user experience, we plan to introduce gamification elements and rewards systems, incentivizing active participation and achievement within the app. Expanding educational offerings remains a priority, with ongoing partnerships aimed at diversifying courses, workshops, and certification programs available on the platform. Seamless integration with institutions and companies is also on the horizon, facilitating access to exclusive internships and job opportunities. Community engagement initiatives will drive collaboration and innovation, while a steadfast commitment to accessibility and inclusivity ensures that all users can fully participate. Through continuous user feedback and iteration, we will refine and enhance the Corridor app, empowering individuals to thrive and contribute meaningfully to the interconnected community it fosters.

References

1] Adnan, M., & Anwar, K. (2020). Online learning amid the COVID-19 pandemic: Students' perspectives. Journal of Pedagogical Sociology and Psychology, 21 June 2020.

2] Hershkovitz, A., & Lahav, O. (2023). Promoting Innovation via a University-Organized Online Hackathon. Education, Computer Science.

3] Yokoi, T., Obwegeser, N., & Beretta, M. (2021). Crisis Innovation: Leveraging Virtual Hackathons for Rapid Ideation. IEEE Transactions on Engineering Management, 2021.

4] Beretta, M., Obwegeser, N., & Bauer, S. (2022). An Exploration of Hackathons as Time Intense and Collaborative Forms of Crowdsourcing. IEEE Transactions on Engineering Management, 2022.

5] Naidu, S., Patel, A., Pandaram, A., & Chand, A. (2020). Student Learning Experience and Student Retention Strategies: A Transformative Approach to Quality Education. Encyclopedia of the UN Sustainable Development, 17 July 2020.

6] Lifshitz-Assaf, H., Lebovitz, S., & Zalmanson, L. (2020). Minimal and Adaptive Coordination: How Hackathons' Projects Accelerate Innovation without Killing it. Academy of Management Journal, 5 May 2020.

7] Antonaci, A., Klemke, R., & Specht, M. (2019).

8] Heller, B., Amir, A., & Maaravi, Y. (2023). Hack your organizational innovation: literature review and integrative model for running hackathons. Journal of Innovation and Entrepreneurship, 3 March 2023