

BizNest:Entrepreneur Support Hub

Amtul Shanaz¹, Agamam Rachana², Perumalla Sreeja³

¹Assistant Professor, Department of CSE, Bhoj Reddy Engineering College for Women, India.

^{2,3}B.Tech Students, Department of CSE, Bhoj Reddy Engineering College for Women, India.

Abstract

An entrepreneur treads multiple stages of business lifecycle of a Startup from birth (an idea) through its maturity. Each new phase brings forth new challenges that the entrepreneur must learn to navigate and positives. Stakeholder engagement is also a prime importance for entrepreneur. finding potential partners, resources, professional bodies and entrepreneurs is very difficulty in now a days. to encourage entrepreneur and making their work easy in this project we are developing java based web application, which can provide the end to end solution for all the activities of entrepreneur and Stakeholders. Mentoring offers a host of benefits including gaining industry insights and developing new skills. Here at Springwise, we have published many innovative mentoring platforms including a platform that links college applicants with current students to offer course advice. Another example is a platform that widens access into creative careers by connecting creative professionals with people from disadvantaged backgrounds. A new on-demand mentoring platform called GrowthMentor matches startups and entrepreneurs with growth marketing mentors. The platform aims to help anyone anywhere in the world to succeed with their ideas by connecting them with experienced mentors. It offers users a casual one-to-one conversation via any communication platform, including Skype, Zoom or Google Hangouts. Growth marketers with at least five years of experience can apply to

become a mentor. Users who apply for mentorship can choose between purchasing slots of 15 minutes, 30 minutes, or 60 minutes. Mentors can be filtered based on a number of factors. These include technical skills, industry, language spoken, the length of the session and the session objectives. Users can then ask their mentor for business advice, career advice or advice about any specific software. The platform saves users time and money as it provides answers to short-term problems on-demand. In addition, if users are too busy to hunt for mentor, they can also post requests and wait as mentors with the appropriate qualifications apply to help solve their problem.

INTRODUCTION

The BizNest is designed to help new and aspiring entrepreneurs by providing resources, guidance and mentorship to turn their ideas into successful businesses. It creates a community of like-minded individuals where entrepreneurs can connect, share experiences, and collaborate to overcome challenges. The hub offers articles and mentor advice to help entrepreneurs develop their skills, grow their networks, and navigate the startup journey effectively.

A new on-demand mentoring platform called BizNest matches startups and entrepreneurs with growth marketing mentors. The platform aims to help anyone anywhere in the world to succeed with their ideas by connecting them with experienced

mentors. It offers users a casual one-to-one conversation via any communication platform, including Skype, Zoom or Google Hangouts. Users can then ask their mentor for business advice, career advice or advice about any specific software. The platform saves users time and money as it provides answers to short-term problems on-demand. In addition, if users are too busy to hunt for mentor, they can also post requests and wait as mentors with the appropriate qualifications apply to help solve their problem.

Proposed system:

Entrepreneur builds a probable solution in the form of “a proof of concept” or “prototype” with relevant assumptions. Mentors, advisors and support systems: Several mentor organizations and groups working together to take the spirit of entrepreneurship to each level. Entrepreneur also get benefit from this proposed application. It is expanding the convenience of online mentorship platforms by allowing users to filter for their specific needs and receive answers on-demand from anywhere in the world, via any communication platform.

RELATED WORK

Existing platforms such as Y Combinator's Startup School, Seedcamp, and Techstars provide structured mentoring programs for startups, offering curated mentorship, online resources, and networking opportunities. However, these platforms often cater to funded or established startups, leaving early-stage founders underserved. Additionally, many platforms are limited by geographical or industry-specific constraints, restricting their accessibility to a broader range of startups. Professional networking tools like

LinkedIn are commonly used to connect with mentors but lack dedicated features for structured and personalized startup mentoring. Similarly, community-driven tools such as Slack and Discord host startup discussions but fail to provide structured mentorship tracking or tailored guidance. Modern mentorship platforms incorporate features like algorithmic matching based on expertise and goals, as seen in tools like MentorCloud and Together, but their integration of progress-tracking tools remains limited, which is essential for early-stage startups. Challenges persist in existing solutions, such as limited scalability in providing personalized mentorship, a lack of AI-driven insights to predict startup needs, and difficulties in maintaining long-term engagement between mentors and mentees. Recent innovations offer promising solutions, including AI and machine learning for enhancing mentor-mentee matchmaking, gamification techniques to improve user engagement, and blockchain technologies for decentralized mentorship and transparent credential verification. A comparative analysis of existing platforms highlights the need for a hybrid solution that addresses accessibility, scalability, and customization. An ideal mentoring platform would bridge the gap between structured programs and the dynamic, evolving needs of diverse startups, ensuring personalized and actionable support throughout their growth journey.

DESIGN

Architectures:

Software Architecture:

It describes the structure and behavior of technology infrastructure of an enterprise, solution or system. In other words, System architecture can be described as the flow of application which is

represented below in the pictorial form. The purpose of system architecture activities is to define a comprehensive solution based on principles, concepts, and properties logically related to and consistent with each other. The solution architecture has features, properties, and characteristics which satisfy, as far as possible, the problem or opportunity expressed by a set of system requirements (traceable to mission/business and stake holders requirements).

System architecture is abstract, conceptualization-oriented, global, and focused to achieve the mission and life cycle concepts of the system. It also focuses on high-level structure in systems and system elements. It addresses the architectural principles, concepts, properties, and characteristics of the system-of-interest. It may also be applied to more than one system, in some cases forming the common structure, pattern, and set of requirements for classes or families of similar or related systems. A discussion of the features of systems architectures can be found in (Maier and Rechtin 2009). An attempt to develop and apply a systematic approach to characterizing architecture

The SEBoK considers systems engineering to cover all aspects of the creation of a system, including system architecture.

The majority of interpretations of system architecture are based on the fairly intangible notion of structure (i.e. relationships between elements). Some authors limit the types of structure considered to be architectural: for example, restricting themselves to functional and physical structure. Recent practice has extended consideration to include behavioral, temporal and other dimensions of structure.

ISO/IEC/IEEE 42010 Systems and Software Engineering– Architecture Description (ISO 2011) provides a useful description of the architecture considering the stakeholder concerns, architecture viewpoints, architecture views, architecture models, architecture descriptions, and architecting throughout the life cycle.

believe systems in systems engineering has been described by the INCOSE UK Architecture Working Group (Wilkinson et al. 2010, Wilkinson 2010).

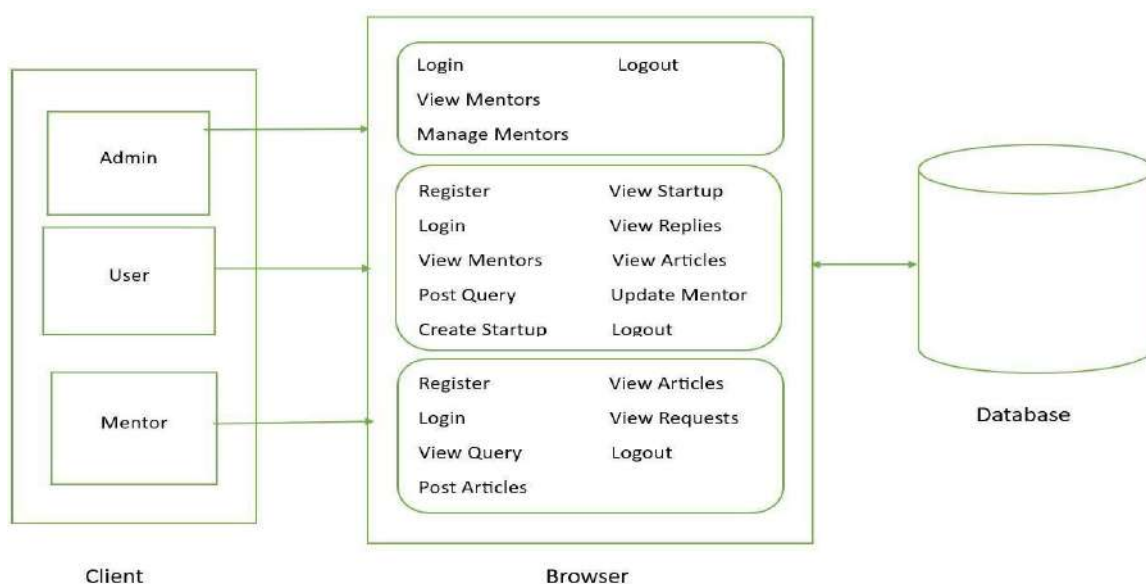


Fig. 1 System Architecture

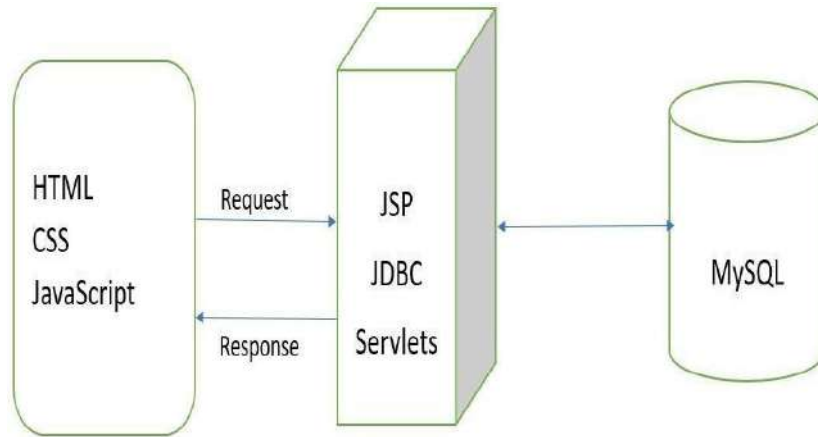


Fig. 2 Technical Architecture

IMPLEMENTATION

Java is a programming language and a platform.

Java is a high level, robust, object- oriented and secure programming language.

Java was developed by Sun Micro-systems (which is now the subsidiary of Oracle) in the year 1995.

James Gosling is known as the father of Java.

Before Java, its name was Oak. Since Oak was

already a registered company, so James Gosling and his team changed the Oak name to Java.

Java Servlets:

Servlets are the Java programs that runs on the Java-enabled web server or application server.

They are used to handle the request obtained from the web server, process the request, produce the response, then send response back to the web server.

Servlet Architecture

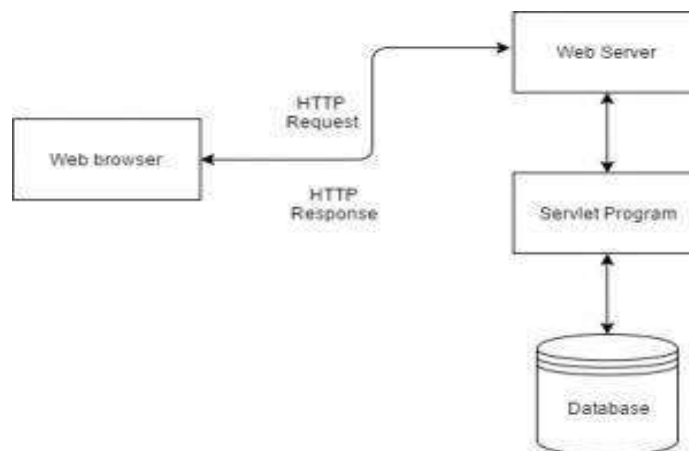


Fig.3 Servlet Architecture

TESTING

Testcases

S.No	Test Case	Admin Test Cases Input	Expected Output	Actual Output	Result
1	Login	Username, Password	Redirects to dashboard	Redirects to dashboard	Successfull
2	View Mentors	Click on Mentors	Mentors details should be displayed	Mentors details should be displayed	Successfull
3	Update Status	Approve/Reject the application	Application status should be updated	Application status should be updated	Successfull

Table 1 Admin Test Cases

S.No	Test Case	Input	Expected Output	Actual Output	Result
1	Registration	Name, User name, Password, Mobile, Email address, Address.	Registration successful and get the success message	Registration successful and get the success message	Successful
2	Login	Username, Password	Redirects to dashboard	Redirects to dashboard	Successful
3	View My Mentors	Post Query	Query Posted Successfully	Query Posted Successfully	Successful

4	Create StartUp	Select Mentor	Mentor is Selected	Mentor is Selected	Successful
5	View Startups	Update Mentor	Mentor Update Successfully	Mentor Update Successfully	Successful
6	View Query	Delete Query	Query Deleted Successfully	Query Deleted Successfully	Successful
7	View Articles	Watch	Redirects to video/article	Redirects to video/article	Successful

Table 2 User Test Cases

S.No	Test Case	Input	Expected Output	Actual Output	Result
1	Registration	Name,Username, Password,Mobile, Email address, Address, Select Proof, Description	Registration successful and get the success message	Registration successful and get the success message	Successful
2	Login	Username, Password	Redirects to dashboard	Redirects to dashboard	Successful
3	View Query	Reply to Query	Replied to Query Successfully	Replied to Query Successfully	Successful
4	Post Article	Article Link	Article posted Successfully	Article posted Successfully	Successful

5	View Articles	Watch/Delete Video	Article Deleted Successfully	Article Deleted Successfully	Successful
6	View Requests	Accept/Reject user requests	Accepted/Rejected requests successfully	Accepted/Rejected requests successfully	Successful

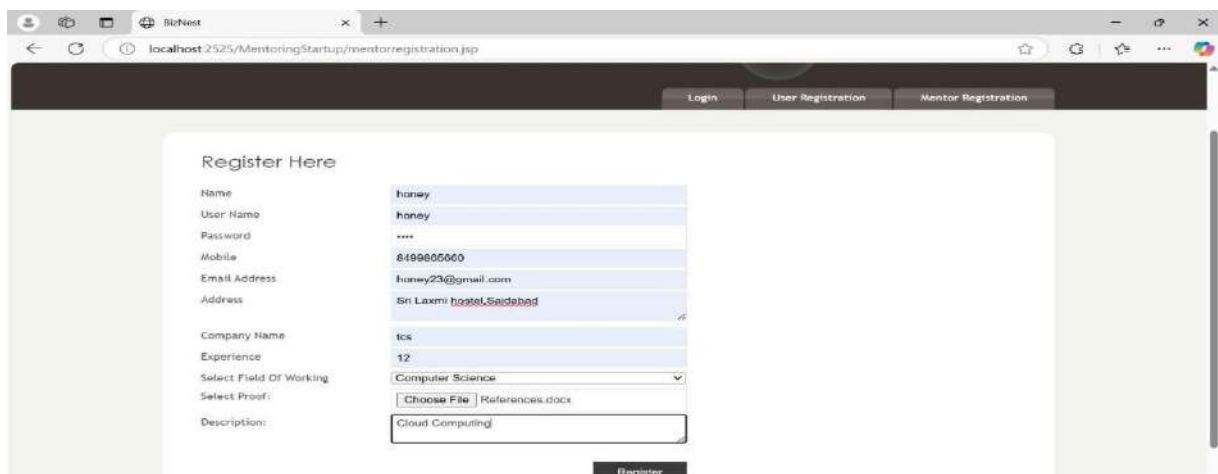
Table 3 Mentor Test Cases

RESULTS

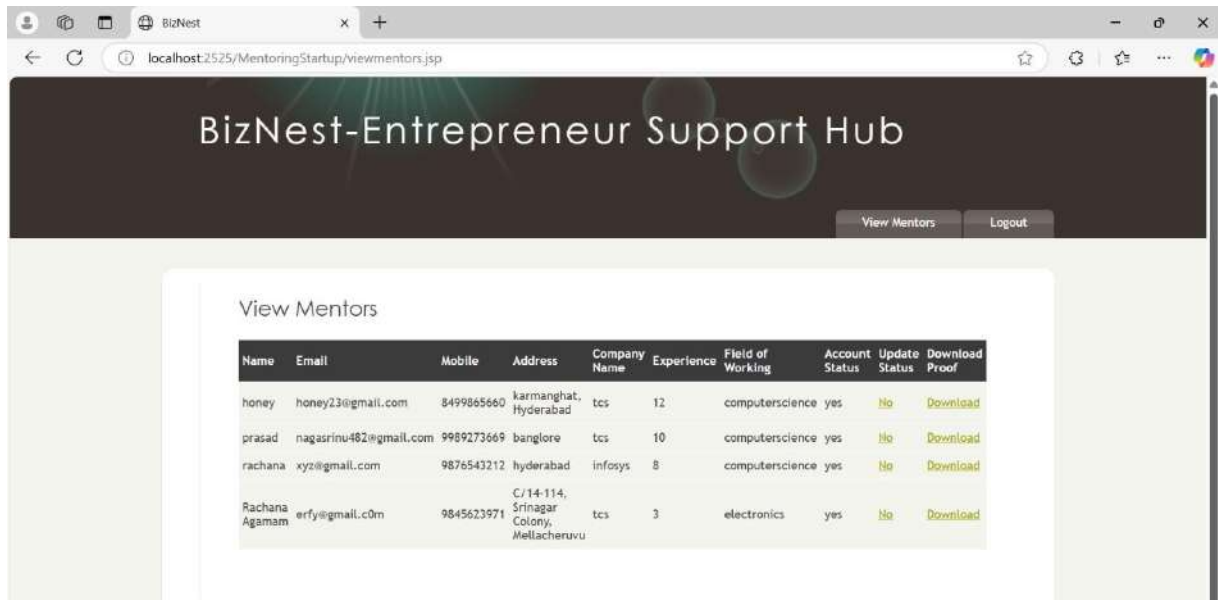
SCREENSHOTS



Screenshot 1 Login page

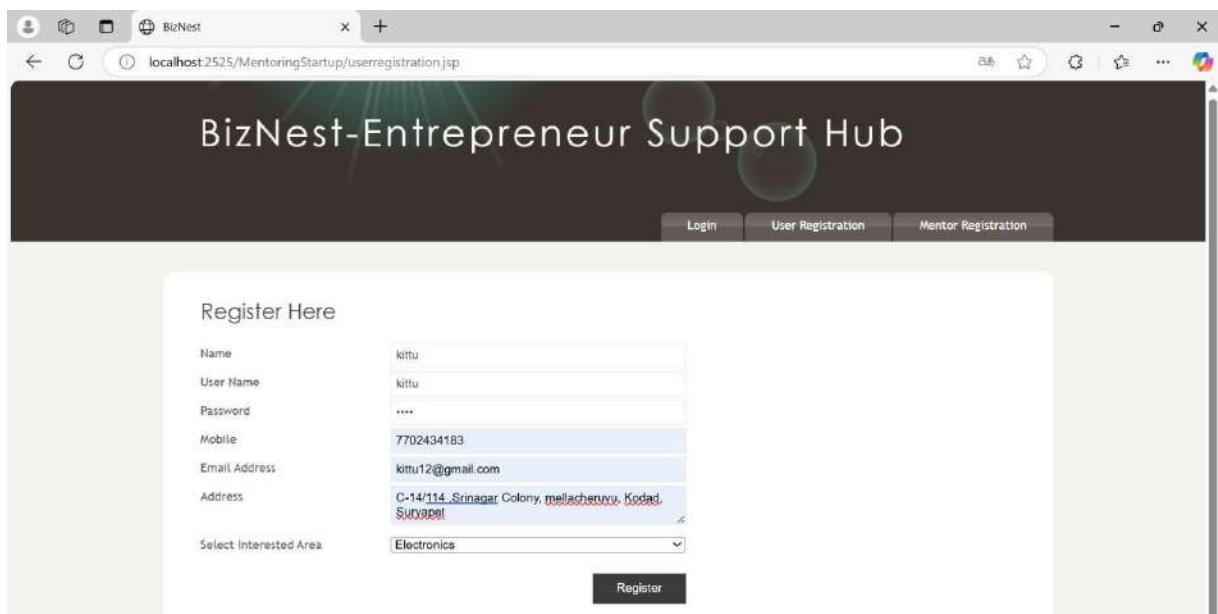


Screenshot 2 Mentor Registration page



Name	Email	Mobile	Address	Company Name	Experience	Field of Working	Account Status	Update Status	Download Proof
honey	honey23@gmail.com	8499865660	karmanghat, Hyderabad	tcs	12	computerscience	yes	No	Download
prasad	nagashrinu482@gmail.com	9989273669	bangalore	tcs	10	computerscience	yes	No	Download
rachana	xyz@gmail.com	9876543212	hyderabad	infosys	8	computerscience	yes	No	Download
Rachana Agamam	erfy@gmail.com	9845623971	C/14-114, Srinagar Colony, Mellacheruvu	tcs	3	electronics	yes	No	Download

Screenshot 3 View Mentor by Admin



Register Here

Name: kitu

User Name: kitu

Password: ****

Mobile: 7702434183

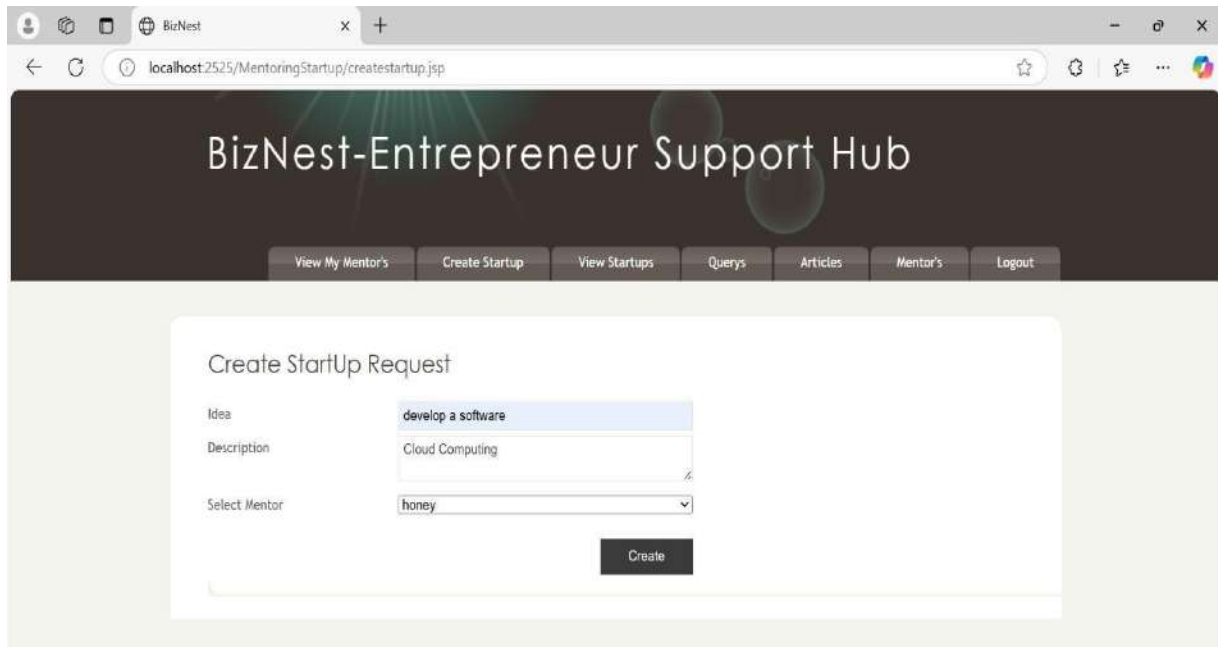
Email Address: kitu12@gmail.com

Address: C-14/114, Srinagar Colony, mellacheruvu, Kodad, SUD988!

Select Interested Area: Electronics

Register

Screenshot 4 User Registration page



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View My Mentor's Create Startup View Startups Querys Articles Mentor's Logout

Create StartUp Request

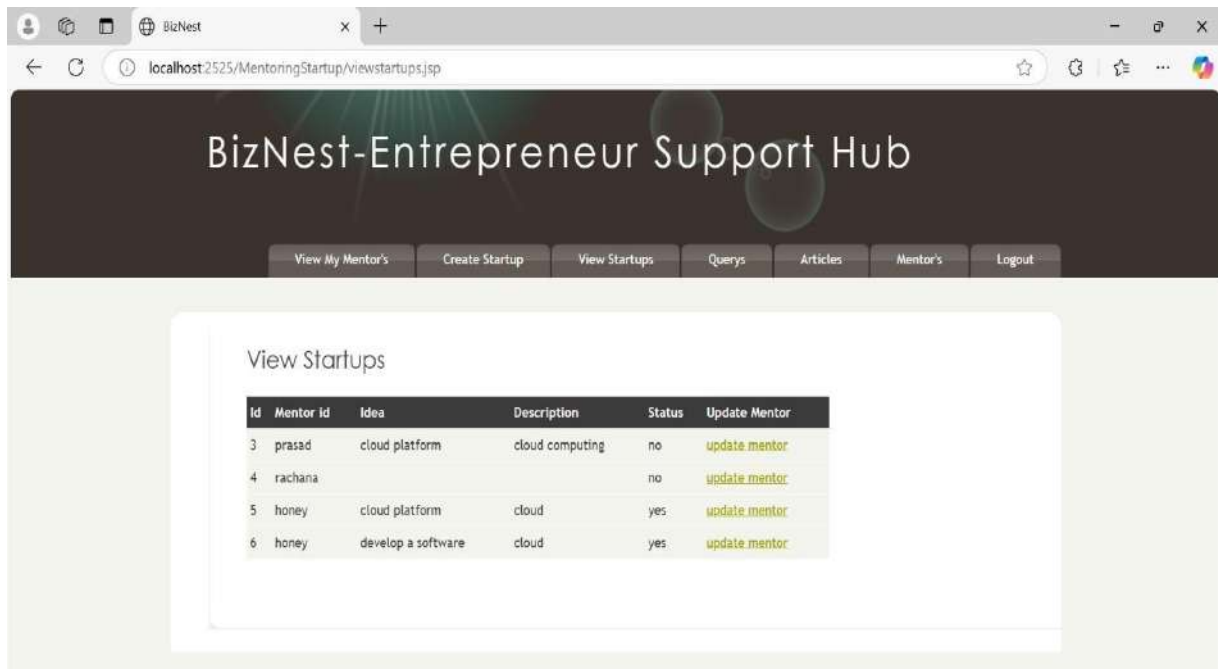
Idea: develop a software

Description: Cloud Computing

Select Mentor: honey

Create

Screenshot 5 Create Startup Request by User



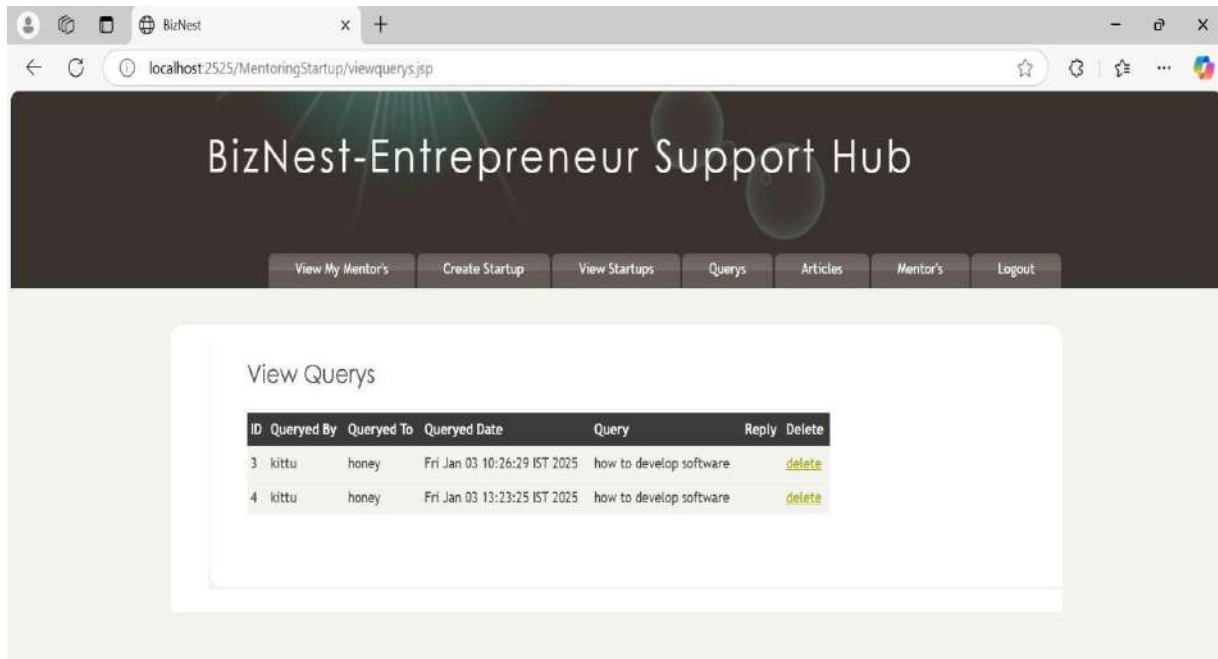
BizNest-Entrepreneur Support Hub

View My Mentor's Create Startup View Startups Querys Articles Mentor's Logout

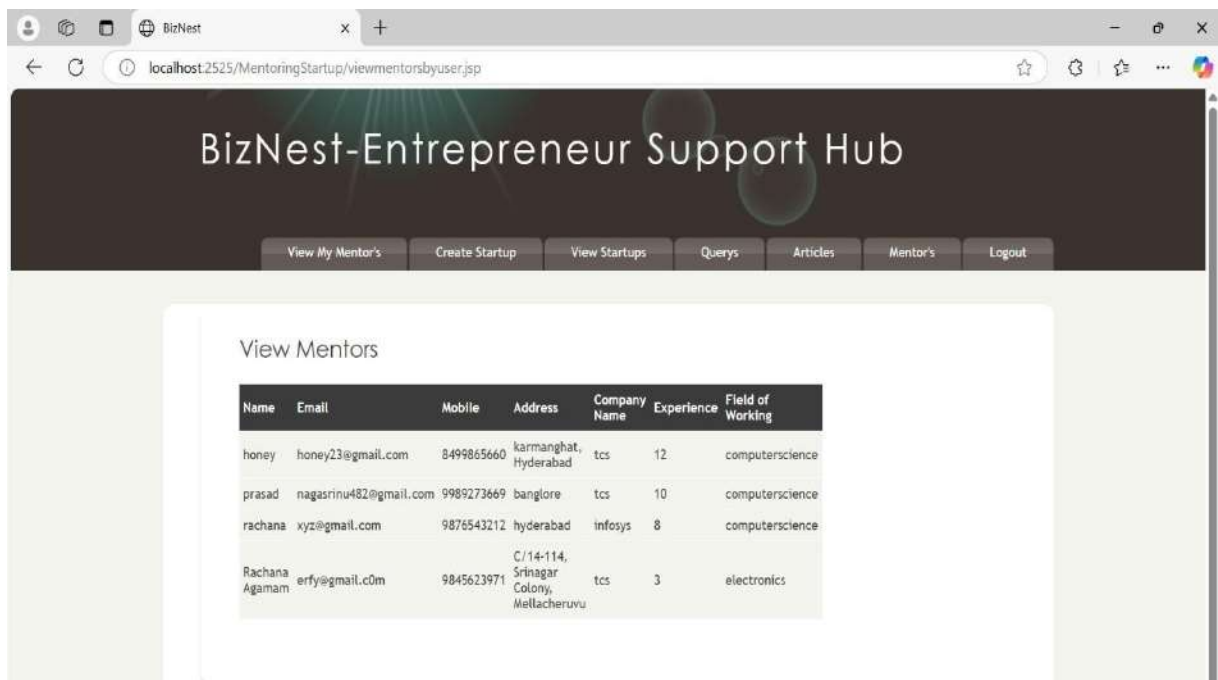
View Startups

Id	Mentor id	Idea	Description	Status	Update Mentor
3	prasad	cloud platform	cloud computing	no	update mentor
4	rachana			no	update mentor
5	honey	cloud platform	cloud	yes	update mentor
6	honey	develop a software	cloud	yes	update mentor

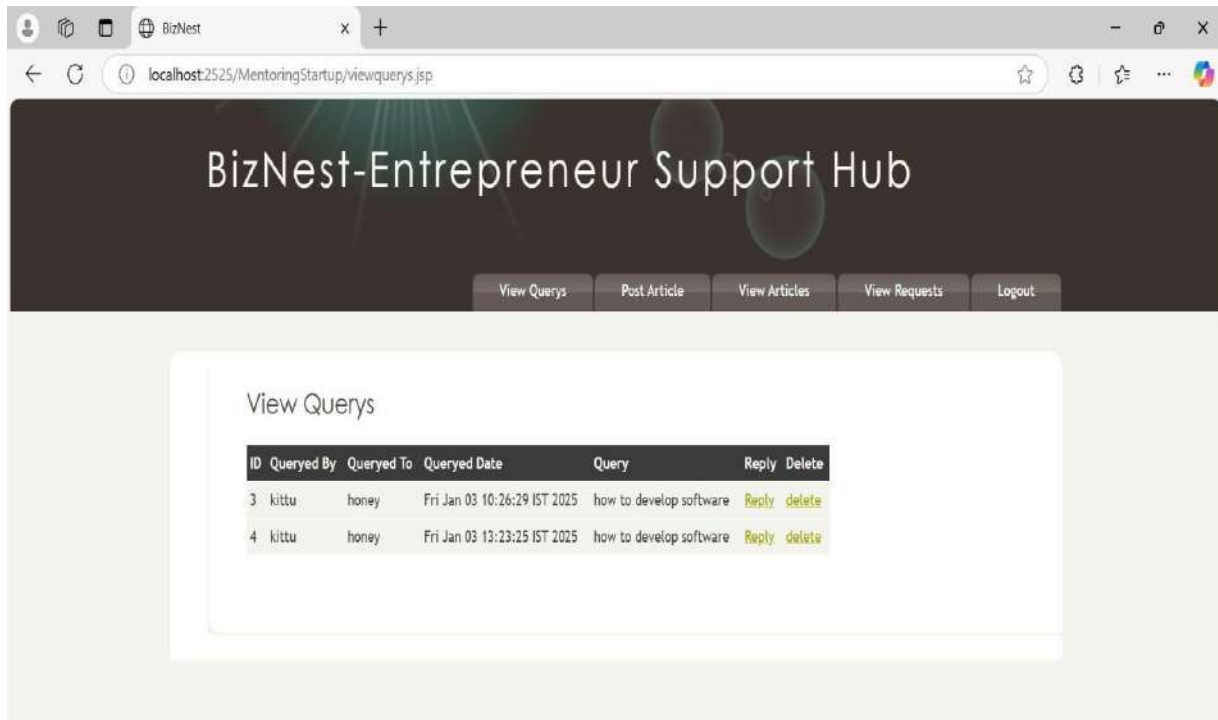
Screenshot 6 View Startups by User



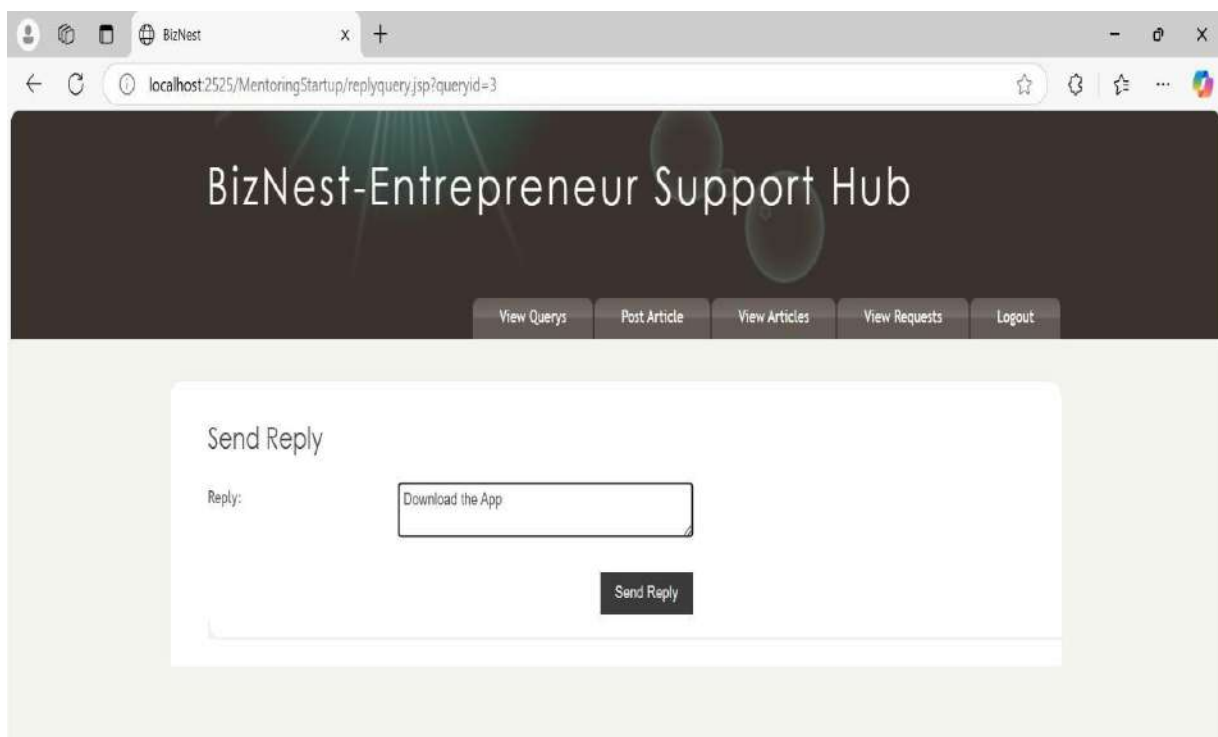
Screenshot 7 View Queries by User



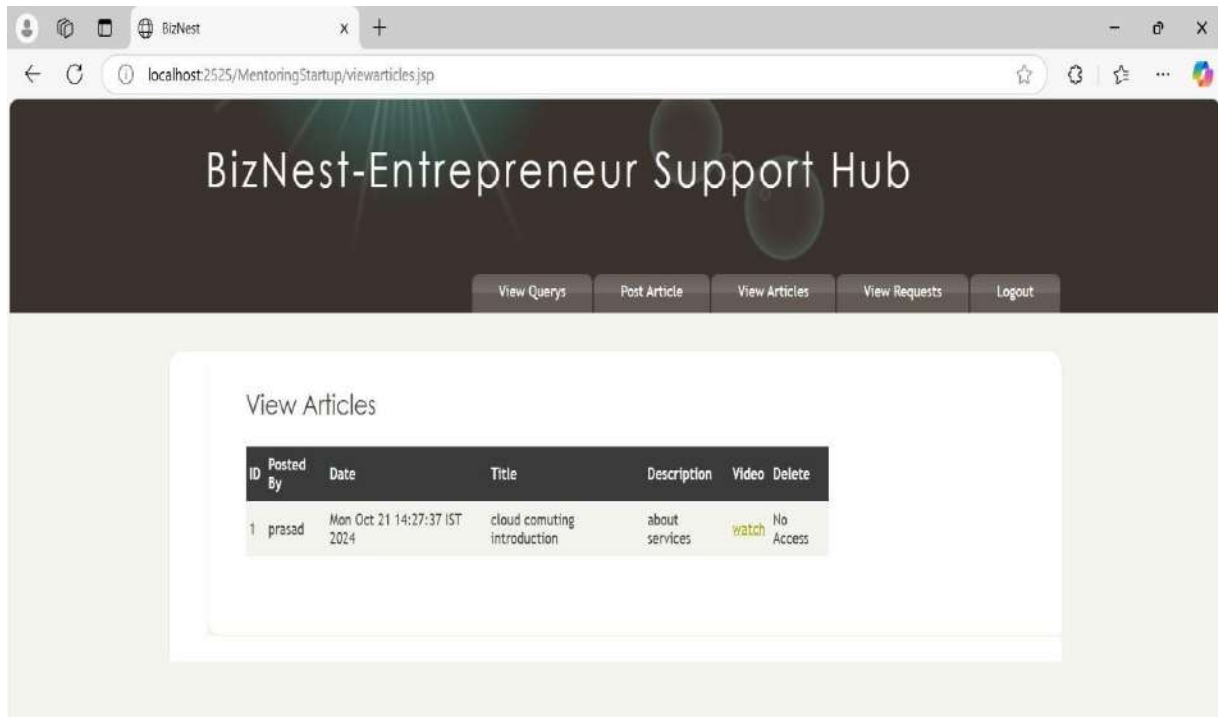
Screenshot 8 View Queries by Mentor



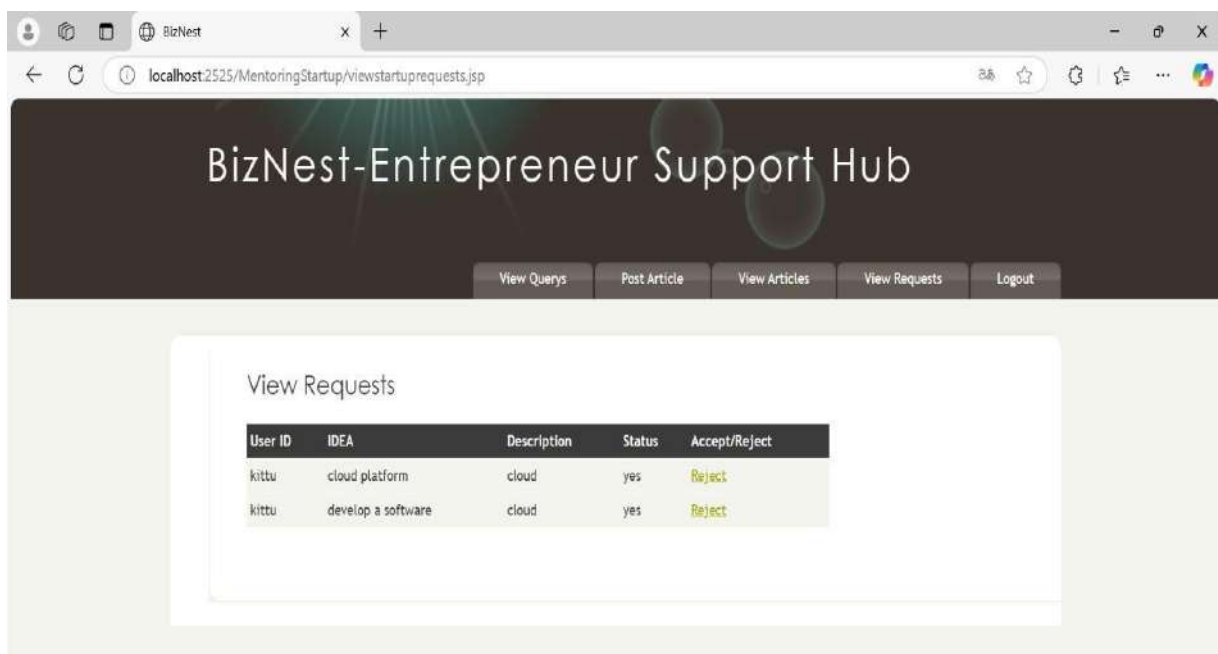
Screenshot 9 View Mentors by User



Screenshot 10 Post Article by Mentor



Screenshot 11 View Article by Mentor



Screenshot 12 View Requests by Mentor

Conclusion

In conclusion, this application offers startups,

entrepreneurs and accelerators a platform for mentoring and coaching success. Bring your

startups and entrepreneurs closer together with the mentoring platform. Connect experienced mentors with upcoming entrepreneurs and startups. Easily manage and measure all your mentorships online. The platform provides online insight into all your mentoring connections and outcomes. It is available on all devices so even a busy executive can engage with a mentee using a simple interface and the mentorship manager receives all the data and outcomes associated with the mentoring group.

Future Scope

There's no one-size-fits-all mentor. Every case is unique, and as such, the future will probably bring on a lot more specialized mentorship platforms. For example, our platform is hyper-focused on growth marketing and the startup scene whereas so many other platforms listed above are targeting completely different personas! We expect to see many more mentorship platforms pop up over the next few years as people become more aware of the insane benefits of 1:1 mentorship.

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