E-Commerce Using Spring

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Abstract: *The aim is to combine both project management and business outsourcing because B2B companies are using two different platforms to find service providing companies and managing their ongoing project work with those companies, So the goal of this project is to provide a single platform where companies can find other service providing companies to get partnered with also manage their project in the same platform itself.*
Key Word: *E-Commerce; Business Outsourcing; Project Management ;B2B partnership*

I.INTRODUCTION

In today's fast-paced business environment, managing projects and outsourcing tasks is a critical aspect of many B2B companies' operations. However, the current approach of using separate platforms for project management and outsourcing can create inefficiencies and increase complexity. This project aims to explore the potential benefits of combining project management and business outsourcing on a single platform. The objective is to provide B2B companies with a user-friendly platform that streamlines project management processes and facilitates the search for service providers.

II.MATERIAL AND METHODS

Software Requirements
1. Operating System: Windows 7, 8, 8. 1, 10, 11, Linux
2. Language: Java Spring, JavaScript, HTML5, CSS
3. Database: MySQL server

Hardware Requirements
1. Any Processor
2. Processor Speed:-:1 GHz to 2 GHz
3. RAM:-:256 MB and above
4. Hard Disk:-: 2TB and above

III.PROPOSED METHODOLOGY

To achieve the goal of combining project management and outsourcing on a single platform, we propose the following methodology:

1. Conducting market research: We will begin by conducting extensive market research to identify the needs and pain points of B2B companies in managing projects and outsourcing tasks. This will help us identify the most critical features and functions that should be included in the platform.

2. Defining the target audience: Based on our market research, we will define the target audience for the platform, taking into account factors such as company size, industry, and geographic location. This will help us create a user interface and user experience that meets the specific needs of our target audience.

3. Identifying key features: We will create a list of key features and functions that should be included in the platform, based on our market research and target audience analysis. These features may include project management tools, communication tools, service provider directories, analytics tools, and others.

4. Designing the user interface: We will work with a team of user experience (UX) designers to create a user-friendly and intuitive interface that meets the specific needs of our target audience. The UI will be designed to be customizable, aesthetically pleasing, and easy to navigate.

5. Developing the platform: We will develop the platform using agile development methodologies, which will enable us to iterate quickly and respond to feedback from beta users. The platform will be developed using robust and scalable technologies, ensuring that it can handle a large volume of users and data.

6. Launching the platform: Once we have completed the testing and refinement phase, we will launch the platform to the public. We will use various marketing channels, such as social media, email marketing, and search engine optimization, to promote the platform and attract users.

7. Providing ongoing support: After launching the platform, we will provide ongoing support to our users, including technical support, training materials, and community forums. We will also continue to gather feedback from users and make improvements to the platform as needed.

Class Diagram of User Interface
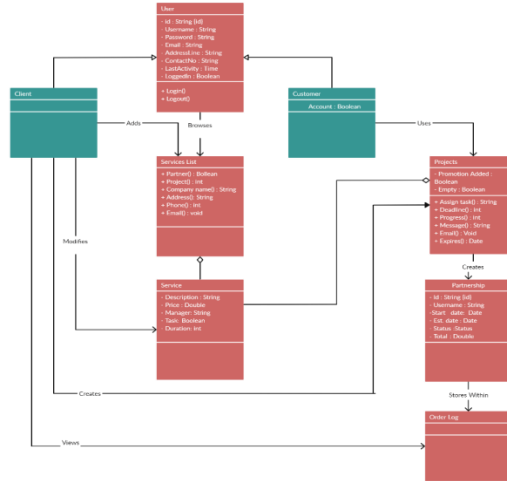
The user interface (UI) is a critical component of any software platform, and it plays a crucial role in determining the platform's usability and user experience. In the case of a platform that combines project management and outsourcing, the UI should be intuitive and user-friendly, enabling users to quickly find the features they need to manage their projects and search for service providers.

To achieve this goal, the UI should be designed with the user's perspective in mind, and it should be easy to navigate. The platform's dashboard should be the primary hub where users can access all the essential functions of the platform, such as project management tools, communication tools, service provider directories, and analytics tools. The dashboard should be customizable, allowing users to arrange the features according to their preferences and needs. A resource management section can help users assign team members to tasks, manage workloads, and track progress. A timeline view of the project with milestones and deadlines can be useful for visualizing progress and identifying any delays or gaps. Gantt charts are helpful for visualizing the schedule of a project and the dependencies between tasks. Task lists should be easy to read and navigate, and they should allow users to filter tasks by date, priority, or other relevant criteria. Reporting features can help users generate reports on project progress, budget, and other important metrics. Customization options can help users tailor the application to their specific needs and workflows, such as customizing task fields or creating custom project templates.

IV.RESULT

V.CONCLUSION

In summary, our proposed methodology involves conducting market research, defining the target audience, identifying key features, designing the user interface, developing the platform using agile methodologies, testing and refining the platform with beta users, launching the platform, and providing ongoing support. By following this methodology, we believe that we can create a platform that meets the specific needs of B2B companies in managing projects and outsourcing tasks, thereby providing them with a more efficient and streamlined solution.

References

[1]. Fraunholz, Bardo& Chan, Caroline &Swatman, Paula. (2003). Managing B2B eCommerce: A Project Management Approach. pp. 173-188.

[2]. Awais Muhammad and SaminTanzila (2012), "Advanced SWOT Analysis of E-Commerce", IJCSI International Journal of Computer science Issues, Vol 9,Issue 2,No 2,pp. 569-574 program (NCEP) expert panel on detection, evaluation, and treatment of highblood cholesterol in adults (adult treatment panel III) finalreport. Circulation. 2002;106(25, article 3143).

[3]. Hirschman, E.C. and Holbrook, M.B. (1982), "Hedonic Consumption; emerging concepts, methods and proportions", Journal of marketing, Vol : 48, No. 3, pp 92-101

[4]. Burke, A. (2011), The entrepreneurship enabling role of freelancers: Theory with evidence from the construction industry, International Review of Entrepreneurship, 9(3), 1-28. Bener A, Dafeeah E, Ghuloum S, Al-HamaqAOAA.Association between psychological distress and gastrointestinal symptoms in type 2 diabetes mellitus. World Journal of Diabetes. 2012;3(6):123–129

[5]. I. Lovrek, M. Kos, B. Mikac, "Collaboration between Academia and Industry: Telecommunications and Informatics at the University of Zagreb," Computer Communications, vol. 26, pp. 451-459, Elsevier, 2003

[6]. J. P. Lewis, Fundamentals of Project Management, 2nd edition, Amacom 2002.American Diabetes Association .Standards of medical care in diabetes. Diabetes Care. 2009;32(supplement 1):S13–S61.

[7]. Applegate, L. M., McFarlan, F. W. (1999) Corporate Information Systems Management,. McGraw Hill, Boston.