Tracking Application by Startup or Entrepreneur

[1].Dr.S.Muthusundari, [2].S.Karpagam, [3].K.Madhumathi

1: Associate Professor,Department of CSE, R.M.D. Engineering College, Kavaripettai
2: Associate Professor, Department of BCA, Anna Adarsh College for Women, Chennai
3: Assistant Professor, Department of BCA, Anna Adarsh College for Women, Chennai

ABSTRACT -- In this paper, the main aim is to creating a platform that enables the companies to complete the project by the use of startup and entrepreneur. A corporate business is normally relies with day to day users and to operate and develop. The values of users are encountered from productivity basis, not boast them. By agreement a work, a company may transfer the long-term commitment and liability of a full-time employee and any legal risks and attachments that It enables you to focus on using these workers as a productive element of the business rather than an endless HR responsibility. The application is reduced as much as possible to avoid errors while entering the data. The application is minimized to avoid errors during data entry. It also gives an error message when entering invalid information. No prior knowledge is needed for the user to use this system. Therefore, all this proves it is user-friendly approach naturally.

Keywords--- Tracking project, startup, user friendly, risk, entrepreneur, business enhancement.

I. INTRODUCTION

In day to day life all startup companies are entering in to business development and grow. A corporate business is normally relies with day to day users and to operate and develop. The values of users are encountered from productivity basis, not boast them. By agreement a work, a company may transfer the long-term commitment and liability of a full-time employee and any legal risks and attachments that It enables you to focus on using these workers as a productive element of the business rather than an endless HR responsibility. The application is reduced as much as possible to avoid errors while entering the data. The application is minimized to avoid errors during data entry. It also gives an error message when entering invalid information. No prior knowledge is needed for the user to use this system. Therefore, all this proves it is user-friendly approach naturally.

II.RELATED WORK

❖ **Micheal Docherty(March 2015),** published the book as **"Collective Disruptions:How Corporations & Startups Can Co-Create Transformative New Businesses".**In this book they discussed about Collective Disruption provides a road map and framework for co-creating new businesses.Large corporations need new sources of growth, but struggle to embrace entrepreneurial, high-risk,opportunities. Many startups excel at using speed and agility to incubate breakthrough ideas, but lack access to brands and distribution for scale.

❖ **J-C.spender,VincenzoCorvello,Et.all, (January.2017)**, published an article on "Startups and Open innovation".In this paper ,they presented an idea is to represent a first step in building a map of the state-

of-the-art knowledge of the "startups in an OI context" phenomenon. Through the selection and analysis of relevant literature, this study aims at deepening our understanding of the theme and at providing directions for future research.

❖ **Larry Schmitt, Et.all(October 2018),**published an article about "The future of corporate-startup collaboration".In this article,They have proposed an idea about the collaboration between large corporations and startups is more important today than ever, and the trend will continue. But the issues involved are also more complex and difficult to manage.New software technologies and tools will make it possible to create Startup Collaboration Platforms that enable the relationships to become more automated, structured and efficient.These platforms will provide a distinct set of startup collaboration services, and the interfaces to access them, to both large companies and startups..

❖ **Martina Larkin and Derek O'Halloran (January 2018),** describes WFF_white paper on "Collaboration between start-ups and corporate".In this paper they have proposed an idea for collaboration between technology start-ups and large corporates is key for fostering innovation in Europe. It can benefit both sides, helping corporates to enter and create new markets, and start-ups to develop their products, and to scale: chief executive officers of both corporates and start-ups share the common strategic goals of growing their company, improving its competitive positioning and generating revenue.

III. EXISTING SYSTEM

In the current scenario, this is adapted by freelance system. A single user is get benefited in the existing system not all the employees in the organization. The Freelance system is used by the Sanchez application for a single user.

The major disadvantage is that the system is implemented by manual system. The manual system will lead to errors and may loss of data to the companies. In the Organization the time factor is also a major concern.

•   In Freelance application system a information is stored in excel sheet. This makes it very clear to find any information in excel by manually and takes much of time to do the process and to add any new query also in excel.

IV. PROPOSED METHODOLOGY:

In proposed methodology, the entire full time employees of start-up and entrepreneur get benefited by doing the project which was given by corporates. The proposed idea is designed to eliminate the existing disadvantages in the system. The proposed work is a new large Freelance Application and is accountable for maintaining the whole business information about users.

The Forum includes as ,

- User module , Freelancer Post New Project module,
- Admin forum Post New Project,
- Post Buyer forum Project module,
- Work changes and several ad hoc reports.
- Freelancer Commit Project,
- User Registration,
- Security is associated with user authentication.

A.Corporate-start up partnership

Large companies have huge projects and they need to complete the project in a given time.So they distribute a work to many small startups through this platform.After collaborating through this platform,startup can get ideas

from the corporate and they will contact corporate through mail.By this partnership,both corporate and startup can get a advantage. The main objective is to avoid errors while entering the data into the application. If any invalid data enters immediately the system gives us warning messages. If any new user the prior knowledge is not essential for the implementation of the system. It is very eco-friendly in nature. Some of the possible advantages for this partnership by this platform is as follows:

1.Projects are completed by the given time by distributing work to the startups.
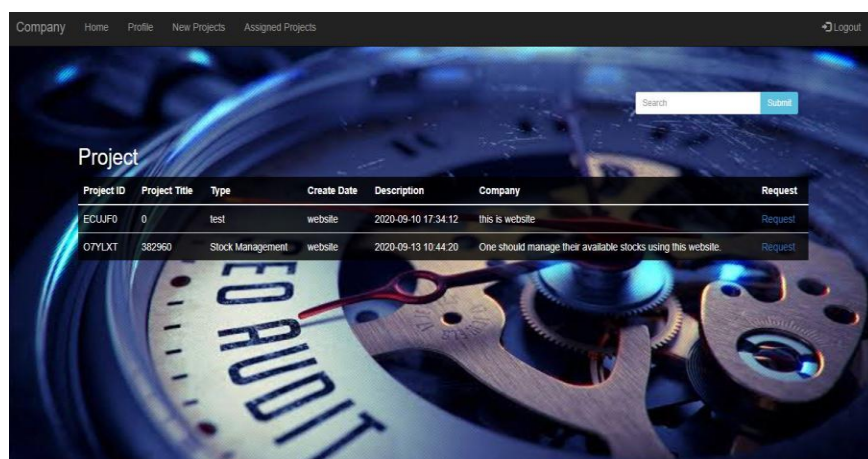
2.Startups can get more projects easily.

Fig.1:Startup can request the project to the corporate.

B. SECURITY OBJECTIVES FOR POSTING PROJECT IDEAS:

The main objective is to avoid errors while entering the data into the application. If any invalid data enters immediately the system gives us warning messages. If any new user the prior knowledge is not essential for the implementation of the system. It is very eco-friendly in nature. .

a. TYPICAL ASSUMPTIONS

Let us assume the proposed ideas are well secured and authenticated. Some of the other typical assumptions are a follows :

1. Both corporate and startup can login using their license number in this platform..
2. 2 corporates and startups are essentials requirement for their own places. License number is a minimum prerequisite for registration.

b. SECURITY OBJECTIVES

The ultimate security objective is to provide confidentiality, integrity, authenticity, and availability of all problem statement posted in this platform. Every eligible startup should receive all problem statement intended for it and be able to complete corporate projects in a time. corporate and startup can contact through mail protectively.Problem statements are send as request Message.Messages are send to only startups which are having the same domain of interest. Message authenticity, integrity, and confidentiality are usually achieved by an end-to-end security mechanism.However, the request problem statement message is one-to-many i.e From one corporate to many startups. In the presence of many startups,corporate can choose best startup among these and they will send accepted

mail to the selected startup . In such a case one might not be able to provide confidentiality, integrity, authenticity, and availability to every message. So that the corporate send a request as a part of the project.

C. ALGORITHM

i. BRUTE FORCE ALGORITHM

Normally Brute Force Algorithm is used to increase the programming style performance, and to give solutions in all possibilities applicable. A traditional example is the traveling salesman problem (TSP),In this problem salesman has to choose the best way as same as in this application using this algorithm corporate has to choose a best startup for completing a project at a short time. Let us consider a case, A salesman has required to visit 10 cities in the country, and how he has to form a order to visit the cities on cost basis which is minimum. By solving this case study by Brute force solution, calculate the total distance for every possible route and then opt for the minimum cost.

ii. FEASIBILITY STUDY:

The Feasibility of the work is to be verified by analyst, whether it is suitable for corporate .Once it is identified to fit for corporate then it starts to gather the requirement meet for the corporate project.

iii. TECHNICAL FEASIBILITY:

This Paper Technical support is related with hardware and software needed to the implementation of the proposed work. The proposed idea is to check the required technical manpower to develop the system. In this research study is to conclude to proceed with requirements to complete this developed product using that software and hardware.
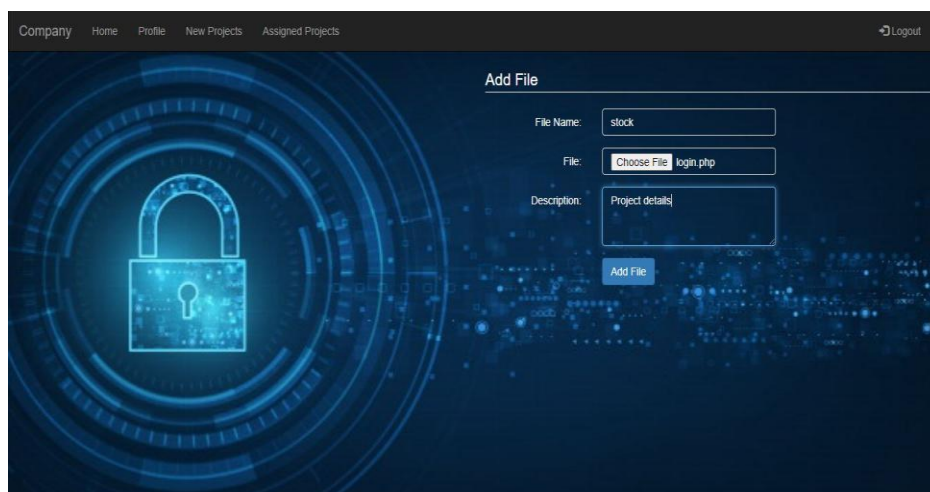

Fig-2:Update the status of the project by startup or entrepreneur..

E.PROCEDURE

❖ **ADMIN**:
- CREATING PROJECT: System allows Team leader to create a Project by specifying details such as Topic, Discussion Points, and Date-Time and select an Employee name with whom Team Leader wants to give.

- MANAGE CLIENT: Once a client is created by the manager with a respective Team Leader, he/she will receive a Status of the Project.
- MANAGE PROJECTS:Once a startup or client accepted a project,they will contact with the corporate.

❖ **CORPORATE**:
- REGISTER: First step for corporate in this platform is to register using their license.
- ADD PROJECT:Corporate an post their problem statement in this platform.
- MANAGE PROJECT: Corporate can manage the startups for completing the project.
- STATUS:Corporate can get a status of the project from the startup.

❖ **START-UPS :**
- REGISTER/LOGIN:If the Start-up is a new user,they can register in this website using their license.if the start-up is a existing user,they can login using their credentials.
- GET PROJECT:Startup can get a project from the corporate which is posted in this website.

❖ **ENTREPRENEUR:**
- REGISTER/LOGIN: If the Entrepreneur is a new user, they can register in this website using their license.if the Entrepreneur is a existing user, they can login using their credentials.
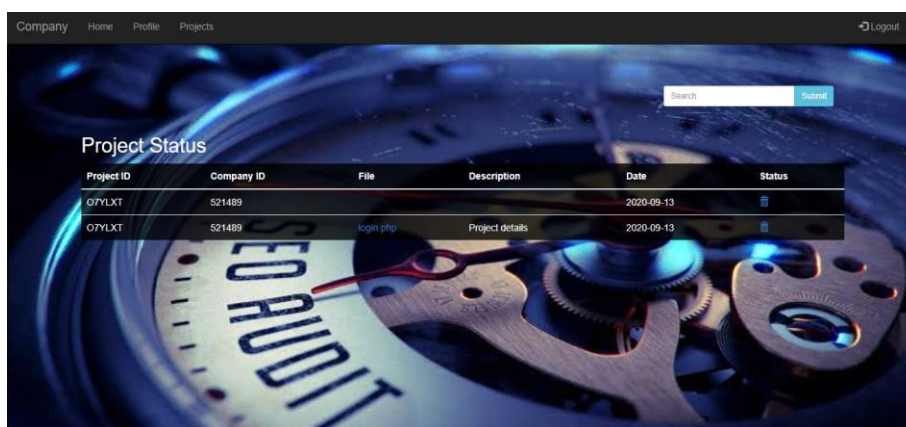- GET PROJECT: The Entrepreneur can get a project from the corporate which is posted in this website.
- REQUEST : If the Entrepreneur wants to do the project,they can request the project to the corporate using request option.

❖ **PROJECT:**
- PROJECT STATUS: project status should be updated by the team leader
- PROJECT STATUS VIEW: Project status should be viewed by the manager.
- DAILY TASK: Employee should update daily task status of completing the project.

V.RESULT:

By tracking the application, both start-up and entrepreneur has the advantage of getting the project easily. Currently the used system is based on one user accessing, but the new platform mostly focused on many full time employees. By this platform, many startups can get a project easily and also for corporate, it is useful to complete the project at a given time. So this is useful for both start-ups and corporate in project management. Using php and angular js this application was implemented successfully.

Fig.3.Completed ststus of the project.

VI. CONCLUSION

This platform is used for interaction between corporate and start-up. Using this application, start-ups can get projects easily. In this report, we summarized corporate start-up partnership, typical assumptions on how to collaborate startup and corporate, including modules for this application and algorithm. The platform for collaborating corporate and startup has been created.

Future Enhancement:
Currently the used system is based on one user accessing, but the current forum platform is mostly focused on full time employees. In future we can include mail facilities for easy communication and store employee details and project details to know the current status of the project. Also this web application can be made as mobile application for ease access. Security measures can also be enhanced

VII.REFERENCES:

[1]Dominik K.Kanbach,Stephan Stubner,"Corporate Accelerators As Recent Form Of Startup Engagement:The What, The Why, And The How"Volume 32,N0.6 on november 2016.

[2]J,-C.spender, Vincenzo Corvella,Michelle   Grimaldi,Pierluigi Rippo published article on "Startups and Open innovation" Volume 20,No.1,(4-30) on january 2107.

[3]Valerie Mocker,Simona Beilli and Christopher Haley,"A guide to successful corporate-startup collaboration" on Nesta August 2016.

[4]Tobias Weiblen and Henry William Chessbrough,"Engaging with startups to enhance corporate innovation" ,Volume: 57 issue: 2, page(s): 66-90 march 2015.

[5]Martina Larkin and Derek O Halloran,"Collaboration between corporate and startups" on january 2018.

[6]Edo Roos Lindgreen and Daniel Horn,[KPMG],"On the road to corporate-startup collaboration" of New Horizons 2015.

[7] Fabio Mercandetti, Christine Larbig,Vincenzo Tuozzo, and Thomas Steiner,"Innovation by Collaboration between Startups and SMEs in Switzerland",Volume 7,Issue 12 on December 2017.

[8] Nei Grando,"Beyond corporate venture capital: new ways corporations can engage with startups",November 2016.

[9] Shameen Prashantham,"The Two Ways for Startups and Corporations to Partner",january 2019.

[10]Raj K Shankar ,Balachandran Arumugam, "Corporate Engagement with Startups",March 2016.

[11] Siddharth Bannerjee, Simona Bielli and Christopher Haley,"Scaling together:Overcoming Barriers in Corporate-Start-up collaboration",on nesta.

[12]Alexander Kinski,Christoph Bode,"Startup meets corporate: The multiple facets of the engagement between corporates and startups",pp:109-114,August 2019.

[13] Rebecca Hinds,"The Importance of Collaboration Between Startups and Big Companies" on affinity.

[14]Debjani Ghosh and KR Sreenivasan, "Co-Innovation: Enterprise Start-up Collaboration" on january 20

[15]Magdalena   Klimczuk-Kochanska,"Start as a Partner of Cooperation for Big Company in the Agri-Food Industry:Analysis of Forms of cooperation on Examples",13-14 October 2017.