Marathwada Shikshan Prasarak Mandal’s

**Deogiri Institute of Engineering and Management Studies,**

**Aurangabad**

**Project Report**

**on**

**STACK OF PROJECT**

Submitted By

**Varad Parlikar (36052)**

**Abhijit Pedhe (36055)**

**Sanket Pujari (36058)**

**Vinay Rathi (36059)**

**Dr. Babasaheb Ambedkar Marathwada University**

**Aurangabad (M.S.)**



Department of Computer Science and Engineering

**Deogiri Institute of Engineering and Management Studies,**

**Aurangabad**

(2017- 2018)

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**In partial fulfillment of**

**Bachelor of Engineering**

**(Computer Science & Engineering)**

Guided By

**Ms . Manisha Mundhe Mam**

Department of Computer Science & Engineering

**Deogiri Institute of Engineering and Management Studies,**

**Aurangabad**

(2017- 2018)

**CERTIFICATE**

This is to certify that, the Project entitled “**Stack Of Projects**” submitted by

**Varad Parlikar, Vinay Rathi , Sanket Pujari, Abhijeet Pedhe** is a bonafide work completed under my supervision and guidance in partial fulfillment for award of Bachelor of Engineering (Computer Science and Engineering) Degree of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Place: Aurangabad

Date:

**Ms . Manisha Mundhe Mam Mr. S.B.Kalyankar Sir**

**Guide Head**

**Dr. Ulhas D. Shiurkar Sir**

**Director,**

**Deogiri Institute of Engineering and Management Studies,**

**Aurangabad**

**DECLARATION**

This is to certify that, the partial project report entitled, “**Stack Of Projects**” Submitted by Group Membersis a bonafide work completed under my supervision and guidance in partial fulfillment for award of Bachelor of Engineering in Computer Science and Engineering of Deogiri Institute of Engineering and Management Studies, Aurangabad under Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Place: Aurangabad

Date:

Ms . Manisha Mundhe Mam

External Examiner Guide

**Abstract**

The main aim of the project is to provide the projects of students in one place at our website in the format of easy to use GUI.

This Project Tracking System is a utility for project browsing. It provides a interface for viewing projects done by students.The projects on the website will be classified on the basis of technology used and the year in which the students are studying which will determine the category for the projects.One main important aspect of this project is category of projects, which is used to classification of projects on the basis of year of engineering.There will be four categories in which the projects will be divided and will become visible to users as First Year,Second Year,Third Year,Final Year.The technology used in developing this project is visual studio 2013

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**2.11 Stack of projects**

**Chapter1: INTRODUCTION**

**1.1 Purpose:**

The objective of **Stack Of Projects** is to allow the administrator of any organization to display,edit the user’s project and find out the personal details of a user and allows the user to view and post his own project and keep up to date his profile.It will maintain the whole record of user’s project who post his project by administrator’s permission. It’ll also facilitate keeping all the records of user’s, such as their id, name, mailing address, phone number, DOB etc. So all the information about an user will be available in a few seconds. It tracks all the details of a user from the day one to the end of his logout which can be used for all reporting purpose, tracking of projects, progress in the projects, completed projects, coming projects details, most view project details, favourite project details, popular project details etc.

The Project Tracking System is an automated version of manual Project Management System. It can handle all details about the user. The details include user personal details, project details, login details, academic details,history details etc.

In case of manual system they need a lot of time, manpower etc. Here almost all work is computerized. So the accuracy is management system is managed by an administrator. It is the job of the administrator to insert update and monitor the whole process. When a user maintained. Maintaining backup is very easy. It can do with in a few minutes. Our system has two type of accessing modes, administrator and user. Project log in to the system. He/she would only view details of the student. He/she can’t perform any changes unless and until He/She registered on our website.then only He/She can make changes ito the project but by permission of administror and particular project’s owner. Our system has five modules, they are administrator, user, projects, project department, and project section.

Overall, it’ll make Project Information Management an easier job

These series of notes aim to make a small contribution to . the Latter questions by summarizing and highlighting a selection SOP . . method and the tools SOP methods and the tools that governments and

Viewed using the ASP.NET framework of the program cycle, public servants involved with program design and planning, implementation management, and follow- up are continuously faced with decisions and judgments. The Results Agenda aims to ensure that these decisions and judgments are made based on concrete evidence of actual conditions . The tools showcased in this series show how each SOP method has proved useful in providing that evidence and helped to integrate M&E into the program cycle. The question we would like to emphasize is ―To what extent is this SOP method suitable for my needs?‖ Each methodology has strengths and weaknesses given a specific context. For example: What type of program are we focusing on? What are the needs of the public sector in terms of international world have developed to put these into practice in their own contexts .

The central goal of this initiative is to prompt a process of learning, reflection and action by providing practical information to those whose leadership role requires them to understand SOP methods and their potential for enhancing evidence based policy making. results information? What are the resources, data, and these series of notes aim to make a small contribution to the Latter questions by summarizing and highlighting a selection of SOP methods and the tools that governments and international world have developed to put these into practice in their own public sector in terms of results information? What are the resources, data, and time restraints? Table one highlights some of the issues that have arisen when determining if a specific SOP method highlighted here is suitable for a given context.

DOWNLOAD

TRACKING

PROJECT

MANAGEMENT

Figure 1.11 : Context Level diagram for SOP

* 1. **Objectives:**
* Why do organization build Web sites? What do they hope to achieve with a web site? In early days of the web, it was considered bold to spend money on building a web site, but over time, this evolved to the point where it was extremely important to have a website.

Objectives are following:

1. We are proposing this website to provide a help for the students in there academic projects.
2. The students will get the projects from our website.
3. Students will get the some References from our website.
4. This website provide better site navigation, document search and also provide a platform for collaboration.
5. Academic Project Stacking System website that properly communicates with user of this website.
6. We provide a regular monitoring of progress and adjustment of action if needed.
7. The projects on our website will help our users in other subjects and even later in life ( e.g in their future career).
8. We are providing additional features by registering on website i.e Users will also download the projects by taking the permission of the admin.

• **Menu of Evalution** : Project of students user’s in a single website and in proper manner. To motivate user about the project’s importance. To encourage the student user to show their project by using our website. To view various project about various topics on a single website. To learn the management skill with help of projects . With the help of this website user’s can make their own projects. For an new user it an benefical website. Our website will help to new beginers.

* **Reliability:** For the Results Agenda to be sustainable in the long term it is vital that the evidence that SOP provides for decision making is reliable and leads to real improvements . SOP methods are not always applied to the highest standard due , among other reasons , to a lack of infrastructure ( high - quality data systems ) , inappropriate application of methodology ( impact evaluation when a process evaluation was needed ) , or non - integration of findings into decision - making processes . It is important as we move forward that regular quality control of SOP tools themselves and initiatives to improve the quality of SOP are made integral to the Results Agenda.

**1.3 Scope :**

Without a **Project Tracking System**, managing and maintaining . the details of the student’s project is a tedious job for any organization.

Project Tracking system will store all the details of the students project including their background information, educational qualifications,personal details and all the information related to their Projects .

**Login module** : Login module will help in authentication of user accounts.

Users who have valid login id and password can only login into their respective accounts.

**Search module**: Suppose there are hundreds of Projects and from this wehave to search a particular Project and we know the name of the Project .In manual system it is a tedious task though we know the name of the Project, but using this module we can easily search the Project by specifying the name of the Project in the search criteria. Thus this module will help the administrator in searching the Project with various criteria easily.

**Registration Module and Account Management**: This module will help theUser get registered from anywhere if internet is present .This module will really simplify the task of on paper registration. Also after successful registration the user can update information and change their password as and when required.

**User Management**: This module will help the administrator inenabling/disabling a user account and updating user information as required.

Purpose of project is to maintain details of the Users such as storing information about

Figure 1.31 : Cyclic flow of user management

1.3.1 **Definitions, Acronyms and Abbreviations** :

Personal details: Details of User such as user id, phone number, address, image, e-mail address etc.

• Contact details: Details of contact associated with the user.

• SRS: System requirement Specification

* WWW: World Wide Web

• Administrator: A login Id representing the user is an administrator and can access all the records details.

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**Chapter 2 : LITERATURE SURVEY**

The Project Tracking System is an automated version of manual Project Management System. It can handle all details about the user. The details include user personal details, project details, login details, academic details,history details etc.

In case of manual system they need a lot of time, manpower etc. Here almost all work is computerized. So the accuracy is management system is managed by an administrator. It is the job of the administrator to insert update and monitor the whole process. When a user maintained. Maintaining backup is very easy. It can do with in a few minutes. Our system has two type of accessing modes, administrator and user. Project log in to the system. He/she would only view details of the student. He/she can’t perform any changes unless and until He/She registered on our website.then only He/She can make changes ito the project but by permission of administror and particular project’s owner. Our system has five modules, they are administrator, user, projects, project department, and project section.

Consider the following eye-opening statistics :

* A study released this year by Symantec and the ponemon institute

the average organizational cost of one project management system is in the united states is 5.4 millons dollars. Another recent study shows that the cost of project management system is in U.S. economy is 140 billons dollars per year.

* One of the largest branches involved the U.S. network in 2011 , and experts estimate costs related to the branch to be somewhere between

2.7 and 24 billons dollars .

* Software project management accounts for creating various business-based applications meeting security challenges and performing activities in collaboration with the authorized .

corporations within short span of time

**2.1 A (Breif ) History of Stack of project**

## 

[](https://en.wikipedia.org/wiki/File:WebDesignBooks.JPG)

**Screen 2.11 STACK OF PROJECT’S**

**Stack Overflow** is a privately held website, the flagship site of the [Stack Exchange Network](https://en.wikipedia.org/wiki/Stack_Exchange),[[4]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-growthmodel-4)[[5]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-Legal-5)[[6]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-stackapps_legal-6) created in 2008 by [Jeff Atwood](https://en.wikipedia.org/wiki/Jeff_Atwood) and [Joel Spolsky](https://en.wikipedia.org/wiki/Joel_Spolsky).[[7]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-introducing-7)[[8]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-8) It was created to be a more open alternative to earlier [question and answer sites](https://en.wikipedia.org/wiki/Question-and-answer_site) such as [Experts-Exchange](https://en.wikipedia.org/wiki/Experts-Exchange). The name for the website was chosen by voting in April 2008 by readers of *Coding Horror*, Atwood's popular programming blog.[[9]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-help_name-9)

It features questions and answers on a wide range of topics in [computer programming](https://en.wikipedia.org/wiki/Computer_programming).[[10]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-secrets-10)[[11]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-slashdot-11)[[12]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-google-tech-talks-12)

The website serves as a platform for users to ask and answer questions , and, through membership and active participation, to vote questions and answers up or down and edit questions and answers in a fashion similar to a [wiki](https://en.wikipedia.org/wiki/Wiki) or [Digg](https://en.wikipedia.org/wiki/Digg).[[13]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-fashion-13) Users of Stack Overflow can earn [reputation points](https://en.wikipedia.org/wiki/Reputation_system) and "badges"; for example, a person is awarded 10 reputation points for receiving an "up" vote on an answer given to a question , and can receive badges for their valued contributions,[[14]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-soFAQ-14) which represents a kind of [gamification](https://en.wikipedia.org/wiki/Gamification) of the traditional [Q&A site](https://en.wikipedia.org/wiki/Q%26A_site). All [user-generated content](https://en.wikipedia.org/wiki/User-generated_content) is licensed under a [Creative Commons Attribute-ShareAlike](https://en.wikipedia.org/wiki/CC-BY-SA_3.0) license.[[15]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-15)

Closing questions is a main differentiation from [Yahoo! Answers](https://en.wikipedia.org/wiki/Yahoo!_Answers) and a way to prevent low quality questions.[[16]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-16) The mechanism was overhauled in 2013; questions edited after being put "on hold" now appear in a review queue.[[17]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-17) Jeff Atwood stated in 2010 that duplicate questions are not seen as a problem but rather they constitute an advantage if such additional questions drive extra traffic to the site by [multiplying relevant keyword hits in search engines](https://en.wikipedia.org/wiki/Search_engine_optimization).[[18]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-18)

As of April 2014 Stack Overflow has over 4,000,000 registered users,[[19]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-soUSERS-19) and it exceeded 10,000,000 questions in late August 2015.[[20]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-soQUESTIONS_10M-20) Based on the type of [tags](https://en.wikipedia.org/wiki/Tag_(metadata)) assigned to questions, the top eight most discussed topics on the site are: [Java](https://en.wikipedia.org/wiki/Java_(programming_language)), [JavaScript](https://en.wikipedia.org/wiki/JavaScript), [C#](https://en.wikipedia.org/wiki/C_Sharp_(programming_language)), [PHP](https://en.wikipedia.org/wiki/PHP), [Android](https://en.wikipedia.org/wiki/Android_(operating_system)), [jQuery](https://en.wikipedia.org/wiki/JQuery), [Python](https://en.wikipedia.org/wiki/Python_(programming_language)) and [HTML](https://en.wikipedia.org/wiki/HTML).[[21]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-tags-21)

Stack Overflow also has a Jobs[[22]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-22) section to assist developers in finding their next opportunity. For employers, Stack Overflow provides tools to brand their business, advertise their openings on the site, and source candidates from Stack Overflow's database of developers who are open to being contacted.[[23]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-23)

**History**

The website was created by [Jeff Atwood](https://en.wikipedia.org/wiki/Jeff_Atwood) and [Joel Spolsky](https://en.wikipedia.org/wiki/Joel_Spolsky) in 2008.[[7]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-introducing-7) On 31 July 2008, Jeff Atwood sent out invitations encouraging his subscribers to take part in the private beta of the new website, limiting its use to those willing to test out the new software. On 15 September 2008 it was announced the public beta version was in session and that the general public was now able to use it to seek assistance on programming related issues. The design of the Stack Overflow logo was decided by a voting process.[[24]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-24)

On 3 May 2010 it was announced that Stack Overflow had raised $6 million in venture capital from a group of investors led by [Union Square Ventures](https://en.wikipedia.org/wiki/Union_Square_Ventures).[[25]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-25)

With the first release on July 21, 2017, [Brave](https://en.wikipedia.org/wiki/Brave_(web_browser)) web browser features Stack Overflow as one of its default search engines.[[26]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-26)

**2.2 Content criteria**

Stack Overflow only accepts questions about programming that are tightly focused on a specific problem. Questions of a broader nature–or those inviting answers that are inherently a matter of opinion– are usually rejected by the site's users , and marked as closed. The sister site softwareengineering.stackexchange.com is intended to be a venue for broader queries, e.g. general questions about [software development](https://en.wikipedia.org/wiki/Software_development).

**2.3 User suspension**

In April 2009, Stack Exchange implemented a policy of "timed suspension",[[27]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-Stackoverflow_Blog-27) in order to curtail users who either show "No effort to learn (the community rules) and improve over time" or engage in "disruptive behavior" and become a nuisance. The suspension is accompanied by temporarily setting the user's reputation score at '1' and a notation on the user's profile page indicating the suspension and remaining duration.

**2.4 Statistics**

A 2013 study has found that 77% of users only ask one question, 65% only answer one question, and only 8% of users answer more than 5 questions.[[28]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-28) As of 2011, 92% of the questions were answered, in a median time of 11 minutes.[[29]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-29) Since 2013, the Stack Exchange network software automatically deletes questions that meet certain criteria, including having no answers in a certain amount of time.[[30]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-30)

As of August 2012, 443,000 of the 1.3M registered users had answered at least one question, and of those, approximately 6,000 (0.46% of the total user count) had earned a reputation score greater than 5000.[[31]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-Bosu_et_al.-31) Reputation can be gained fastes t by answering questions related to tags with lower expertise density, doing so promptly (in particular being the ﬁrst one to answer a question ) , being active during off-peak hours, and contributing to diverse areas.[[31]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-Bosu_et_al.-31)

In 2016 , 1.5 million posts were deleted, of which about 8% were deleted by moderators.[[32]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-32)

**2.5 Technology**

Stack Overflow is written in [C#](https://en.wikipedia.org/wiki/C_Sharp_(programming_language))[[3]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-roadchap-3) using the [ASP.NET MVC](https://en.wikipedia.org/wiki/ASP.NET_MVC) ([Model-View-Controller](https://en.wikipedia.org/wiki/Model-View-Controller)) framework, and [Microsoft SQL Server](https://en.wikipedia.org/wiki/Microsoft_SQL_Server) for the database[[33]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-soStack-33) and the [Dapper](https://en.wikipedia.org/wiki/Dapper_ORM) [object-relational mapper](https://en.wikipedia.org/wiki/Object-relational_mapper) used for data access.[[34]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-dapperIntro-34) Unregistered users have access to most of the site's functionality, while users who sign in (for example, by using the [OpenID](https://en.wikipedia.org/wiki/OpenID) service) can gain access to more functionality , such as asking or answering a question, establishing a profile and being able to earn reputation to allow functionality like re-tagging questions or voting to close a question.

**2.6 Reception**

Stack Overflow has received general praise for its architecture of handling questions and answers as they are regulated by the community.[[35]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-35) Its success has often been attributed to self-regulation.[[*citation needed*](https://en.wikipedia.org/wiki/Wikipedia:Citation_needed)]

Romanian researcher Bogdan Vasilescu criticized Stack Overflow, saying that its policies discouraged women from being actively involved[[36]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-36)[[*why?*](https://en.wikipedia.org/wiki/Wikipedia:Please_clarify)] while an editor from [Medium](https://en.wikipedia.org/wiki/Medium_(website)) said it kept maintaining a negative atmosphere for newcomers.[[37]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-37) In another report, researchers conducted empirical studies to identify what types of barriers exist for women, as well as men for posting.[[38]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-Ford_et_al.-38) The study suggested that the site encourages oneupmanship, [flame-wars](https://en.wikipedia.org/wiki/Flaming_(Internet)) and down-voting which makes it less likely that female users will participate. It criticised the rewards system and found instances of "gender swapping" with females adopting male or gender-neutral personas and some males masquerading as females thinking that they will not be treated as harshly.

Stack Overflow has been criticized for encouraging the proliferation of bad code, specifically by encouraging developers to prioritize functionality at the expense of other features like security. A study from the University of Maryland found that Android developers that used only Stack Overflow as their programming resource tended to write more insecure code than those who used only the official Android developer documentation from Google.[[39]](https://en.wikipedia.org/wiki/Stack_Overflow#cite_note-39)

**Stack Exchange** is a network of [question- and-answer websites](https://en.wikipedia.org/wiki/Comparison_of_Q%26A_sites) on topics in varied fields , each site covering a specific topic, where questions, answers , and users are subject to a [reputation award](https://en.wikipedia.org/wiki/Trust_metric) process. The sites are modelled after [Stack Overflow](https://en.wikipedia.org/wiki/Stack_Overflow), a Q&A site for [computer programming](https://en.wikipedia.org/wiki/Computer_programming) questions that was the original site in this network. The reputation system allows the sites to be self-moderating.[[6]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-6) As of April 2017 , the three most actively-viewed sites in the network are: [Stack Overflow](https://en.wikipedia.org/wiki/Stack_Overflow), Super User and [Ask Ubuntu](https://en.wikipedia.org/wiki/Ask_Ubuntu).[[7]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-7) User contributions are licensed under [Creative Commons Attribution-ShareAlike 3.0 Unported](https://en.wikipedia.org/wiki/Creative_Commons_license).[[5]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-license-5)

**2.7 Site features**

The primary purpose of each Stack Exchange site is to enable users to post questions and answer them.[[12]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-atlantic-12) Users can vote on both answers and questions , and through this process users earn reputation points , a form of [gamification](https://en.wikipedia.org/wiki/Gamification).[[18]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-wired-atwood-18)[[24]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-soFAQ-24) This voting system was compared to [Digg](https://en.wikipedia.org/wiki/Digg) when the Stack Exchange platform was first released.[[10]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-stackexchange1-10) Users receive privileges by collecting reputation points, ranging from the ability to vote and comment on questions and answers to the ability to moderate many aspects of the site.[[24]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-soFAQ-24) Due to the prominence of Stack Exchange profiles in web search results and the Stack Overflow Careers job board, users may have reason to [game the system](https://en.wikipedia.org/wiki/Gaming_the_system).[[15]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-cnet-15) Along with posting questions and answers , users can add comments to them and edit text written by others.[[25]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-25) Each Stack Exchange site has a "meta" section where users can settle disputes , in t he style of [MetaFilter](https://en.wikipedia.org/wiki/MetaFilter)'s " Meta Talk" forum , because the self-moderation system for questions and answers can lead to significant arguments.[[26]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-26)

Notable parts of Stack Exchange includ sites focused on [physics](https://en.wikipedia.org/wiki/Physics),[[27]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-27) [video games](https://en.wikipedia.org/wiki/Video_game),[[28]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-28) and [patents](https://en.wikipedia.org/wiki/Patent).[[29]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-29)

All [user-generated content](https://en.wikipedia.org/wiki/User-generated_content) (questions and answers) posted on the Stack Exchange Network is copyright by the contributor and licensed to Stack Exchange under the [Creative Commons Attribution Share Alike](https://en.wikipedia.org/wiki/Creative_Commons_license) (CC-BY-SA) license.[[18]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-wired-atwood-18)[[30]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-30)

**2.8 Technologies used**

Stack Exchange uses [IIS](https://en.wikipedia.org/wiki/Internet_Information_Services), [SQL Server](https://en.wikipedia.org/wiki/Microsoft_SQL_Server),[[31]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-Technologies-31) and the [ASP.NET](https://en.wikipedia.org/wiki/ASP.NET) framework,[[31]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-Technologies-31) all from a single code base for every Stack Exchange site (except Area 51, which runs off a fork of the Stack Overflow code base[[32]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-32)). Blogs formerly used [WordPress](https://en.wikipedia.org/wiki/WordPress), but they have been discontinued.[[33]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-33) The team also uses [Redis](https://en.wikipedia.org/wiki/Redis), [HAProxy](https://en.wikipedia.org/wiki/HAProxy) and [Elasticsearch](https://en.wikipedia.org/wiki/Elasticsearch).[[31]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-Technologies-31)

Stack Exchange tries to stay up to date with the newest technologies from [Microsoft](https://en.wikipedia.org/wiki/Microsoft), usually using the latest releases of any given framework. The code is primarily written in C# ASP.NET MVC using the Razor View Engine. The preferred [IDE](https://en.wikipedia.org/wiki/Integrated_development_environment) is [Visual Studio](https://en.wikipedia.org/wiki/Microsoft_Visual_Studio) and the data layers uses Dapper for data access.[[34]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-34)

As of 2016, Stack Exchange utilizes Fortinet 800c Firewalls , which replaced Cisco 5525-X ASAs.[[35]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-:0-35) Routers were upgraded from CISCO 3945 routers to CISCO ASR-1001 and AST-1001-x routers.[[35]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-:0-35)

Stack Exchange maintains open-source .Net libraries for the public.[[35]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-:0-35) The names of the libraries are Dapper, StackExchange.Redi, MiniProfiler, Exceptional, Jil, Sigil, NetGain, Opserver, and Bosun.[[35]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-:0-35) Stack Exchange believes the open sourced content will benefit the developer community.[[35]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-:0-35)

**2.9 Site creation process**

Every new site created in the Stack Exchange network goes through a detailed review process consisting of six steps:[[36]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-sitereview-36)[[37]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-37)[[38]](https://en.wikipedia.org/wiki/Stack_Exchange#cite_note-38)

1. Discussion: The Stack Exchange meta site should provide a forum for discussing potential new ideas labeled a future Stack Exchange site.
2. Proposal: A public proposal must be drafted and posted so that any member of the community can discuss the proposal and vote on it . This allows a collaborative proposal to emerge over time. The proposal must address these four key issues:
   1. the topic of the site
   2. the targeted audience
   3. forty exemplary questions, upvoted at least 10 times from the community

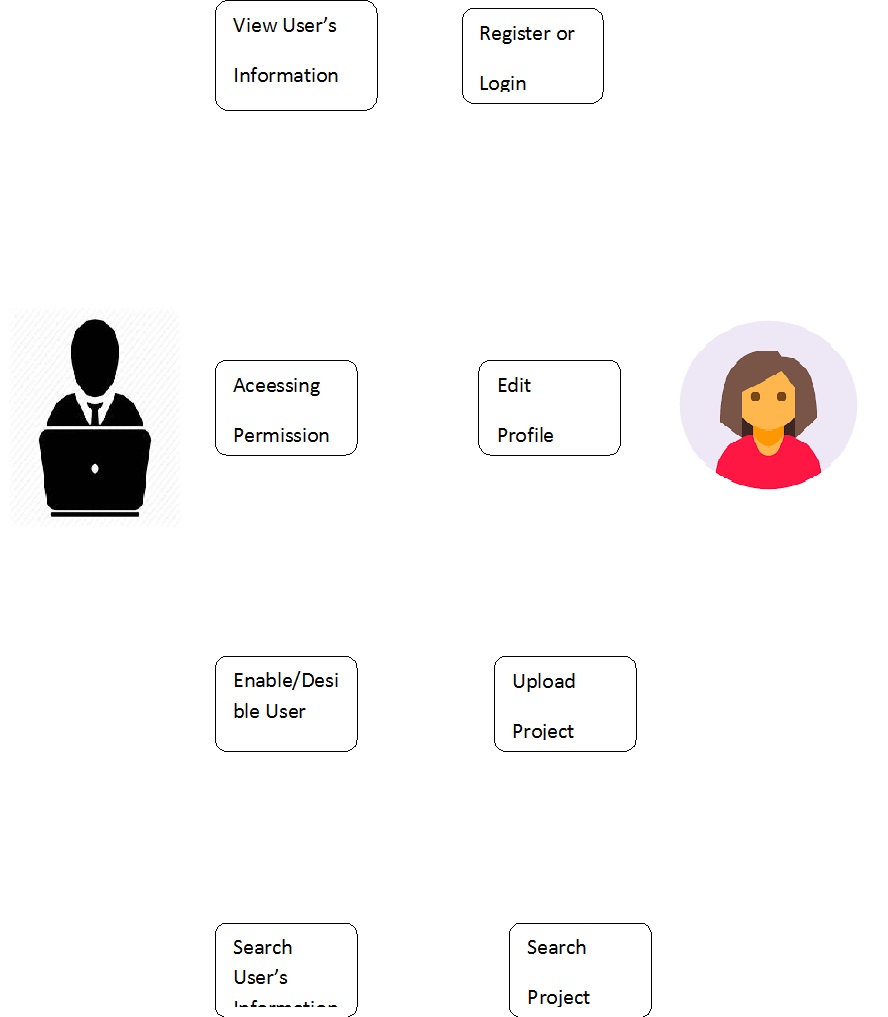
4.sixty followers from the community

1. Commitment: 200 users interested in the new site areasked to formally commit and support the site by actively participating and contributing to it.
2. Private Beta: If the concept receives 100% commitment, the site enters the private beta phase, where committed members begin actively using the site and publicizing it.
3. Public Beta: The site is open to the public for a long period. This allows the creators to ensure that the site reaches critical mass before it is fully launched.
4. Graduation: The site is evaluated on multiple criteria such as the number of answered questions, new questions per day, and registered users. If it meets these criteria and is deemed "sustainable ", it is granted a "graduation" and fully launched.

**Chapter 4 : IMPLEMENTAT****ION**

**4.11 USE CASE DIGRAM**

User



User

Administrator

**4.21 DATA FLOW DIAGRAM**

Record

USER

**Gets Login**  Generates

**4.22 Level -1 DFD Of Stack Of Project**

Record

User

Gets Login Generates

**4.23 Level -2 DFD of stack of project**

Record

Record

**Gets login Generates**

User

**4.31 ENTITY RELATIONSHIP DIGRAM**

Download source code

Accessproject

View

Register

Login

Project

FY

TE

SE

FE

Provides’

SOP

**4.4 1 SEQUENCE DIGRAM**

**Sorry Message**

**Check Login**

**User**

**Project Database**

**1.login**

**2. Register 4. Add Project**

**3.Not valid Login**

**6. Home page 5. Project added successfully**

**Chapter : 5 Conclusion**

**5.1 : Conclusion**

Hence with the help of our website freshers who have been not knowledgable about the acedamic project our website is benefical for them . Our website give the idea’s for developing project’s in different stream’s of computer science

Engineering . During the initial day’s students were getting difficulties in developing the project without any stream idea or what to chose the topic . Through which our website fulfill the need .

**5.2 : Future Scope**

Freshers will get immediate idea about how to develop a computer science project . All stream projects will be stacked in an only one web folder . In future

User can modify it using its own idea . Not an extra afforts should be given for developing a project .

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**Signature(s) of Students**

**Varad Parlikar Sign**

**Abhijeet Pedhe Sign**

**Sanket Pujari Sign**

**Vinay Rathi Sign**