

**Veer Narmad South Gujarat University,
Surat.**

M.Sc. (Information Technology) Programme

Project Report

8th Semester

**M.Sc. (Information Technology)
5 Year Integrated Course**

Year 2019 – 2020

“Engiworks”

Guided By :

Ms. Leeba John

Submitted By :

Rishit Zaveri(000076)

Certificate

This is to certify that **Mr. Rishit N. Zaveri** Exam Seat Number :**000076**

has satisfactorily completed his project work entitled “**Engiworks**” as a partial fulfilment of the requirements for 8th *Semester - M.Sc.(Information Technology) [5 Year course]*, during the academic Year 2019-2020.

Date :
Place :

Course Coordinator
M.Sc. (I.T.) Programme.
Department of I.C.T
V.N.S.G.U, Surat

ACKNOWLEDGMENT

- It was an educational phase while studying at the Master of Science in Information Technology working with highly devoted computer teacher's community and will probably remain the most memorable experience of our life. Hence this acknowledgement is a humble attempt to earnestly thank all those who were directly or indirectly involved in our project work and were of immense help to us.
- With immense pleasure, we present this report on the project assignment title "**Engiworks**".
- We take a rather special privilege of thanking our Respected **Ms. Leeba John**, & All the Faculties for making the resources available within the institute for the project work.
- The encouragement and help received from our family members, friends and colleagues cannot be expressed in terms of words. Without their moral support, the work would have been left unfinished.

Project Associate :
Rishit Zaveri(000076)

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1. Introduction

1.1 Project Profile

Engiworks is an online project applying and posting website for the engineers who need helps of different field of engineers to complete their project as per their needs and requirements. This website is built on Java Application with MySql server database .

Basic Information:

Project Title	Scribd
Front End Tools	Java , JavaScript, jQuery and AJAX.
Back End Tools	MySQL SERVER.
Other Tool	HTML5, CSS3, BOOTSTRAP ,JSF.
Project Category	Web Based Application.
Project Associates	Two
Internal Project Guide	Ms. Leeba John
Submitted By	Rishit N. Zaveri.
Submitted To	J.P. Dawer Institute of Information Science and Techonology.

2. Proposed System

2.1 Scope

- The system serves the end clients to complete their project according to their convenience. The concept of this website is that the user can apply or post the project from home with comfort and also assign the project the user that he/she wishes to assign by simply analyzing the other users which makes the bid on the project.
- There are many features in the website that can help users to bid on project, according to the user who posted the project will decide to whom he/she wants to assign the project after analyzing the bidders details. It allows users to post reviews, ratings and comments on the respective project.
- User can send verification request for the project that to be posted on the website.
- In this system admin is the super user who can manage all the data on the website. He can manage users, verification request, category adding, comments, reviews etc. He can block/unblock, view data and perform various functions on all the data of website.

2.2 Objective

- Provide the system administrator with easy interface for different administrative tasks such as Searching, Addition, Deletion and Updating of different entities.
- The System should properly maintain user privilege i.e. it should only allow registered users to access certain features, which it should not allow for unregistered users.
- Only registered users will be able to access all the functionalities.
- The main objective of the website is to provide an engineers to post their project or to apply for the project as per their requirements according to their task and abilities.
- Only administrator will have all privileges.

2.3 Constraints

2.3.1 H/W Constraints

- Computer or Laptop needs the power supply.
- Cannot access through the mobile like Application.
- Internet connection required.(Through LAN or Modem)

2.3.2 S/W Constraints

- Website can slow down for a while if there are so many request at the same time.

2.4 Advantages

- Freedom of clients.
- Control of workload.
- Independence of doing work whenever and wherever.

2.5 Limitations

- Posts on the website can sometimes be malicious or can be misleading which can be known to the admin only when other users report them to admin of the site.
- Fake users can post projects, which can be malicious.

3. Environment Specification

3.1 Hardware and Software Spec.

- **Hardware Configuration:**

Processor:	2.0 GHz Intel Core i3-6006U
Hard Disc:	1 TB
RAM:	4 GB
CD Drive:	Hp DVDRW GUD1N
Key Board:	Standard PS/2 Keyboard
Mouse:	Synaptic SMBus TouchPad
Monitor:	Generic PnP Monitor
Networking:	Lan Card (Must be internet connection) or modem

- **Software Configuration:**

- **Google Chrome, Mozilla Firefox**

- **Server Configuration:**

- **MY-SQLSERVER**

4 System Planning

4.1 Feasibility Study

- A feasibility study is an evaluation and analysis of the potential of the proposed project which is based on extensive investigation and research to give full comfort to the decision makers.

Technical Feasibility:

- A large part of determining resources has to do with assessing technical feasibility. It considers the technical requirements of the proposed project. The technical requirements are then compared to the technical capability of the organization. The systems project is considered technically feasible if the internal technical capability is sufficient to support the project requirements.
- This website is built on java which is a platform independent, tested, robust and efficient to develop such website.

Operational Feasibility:

- Operational feasibility is dependent on human resources available for the project and involves projecting whether the system will be used if it is developed and implemented.
- Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

Economic Feasibility:

- As development tools and software are already, we own, so there isn't any burden of buying them. The organization doesn't have the same system, so it is certainly required for them. So here we do not need to invest extra funds to develop the system. Thus, it is economically feasible to the organization.

Time Schedule Feasibility:

- Projects are initiated with specific deadline. We need to evaluate whether the deadlines are mandatory or desirable. Time is the one of the critical factor in the development of any system but this kind of feasibility is hardly perfect in any system.
- We have been asked to complete the project within the working days of the organization having period of 2 months approximately, so we have managed to complete the project before given deadline. In the project planning section, we elaborate our ideas to develop the system within the given period.
- Hence, it is feasible to develop a system in predetermined time interval.

4.2 Risk Analysis:

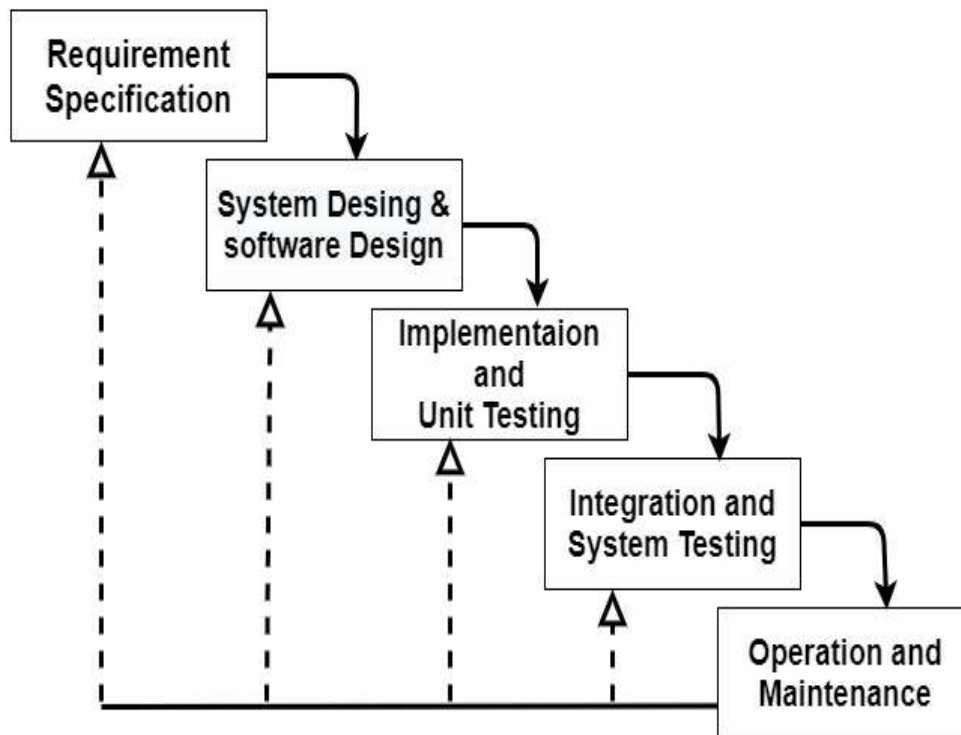
- The probability of any unwanted incident is defined as Risk. In [Software Testing](#), risk analysis is the process of identifying the risks in applications or software that you built and prioritizing them to test. After that, the process of assigning the level of risk is done. The categorization of the risks takes place, hence, the impact of the risk is calculated.

Risks in our Project:

- Changes in database or model.
- Issues with designing after updating module.

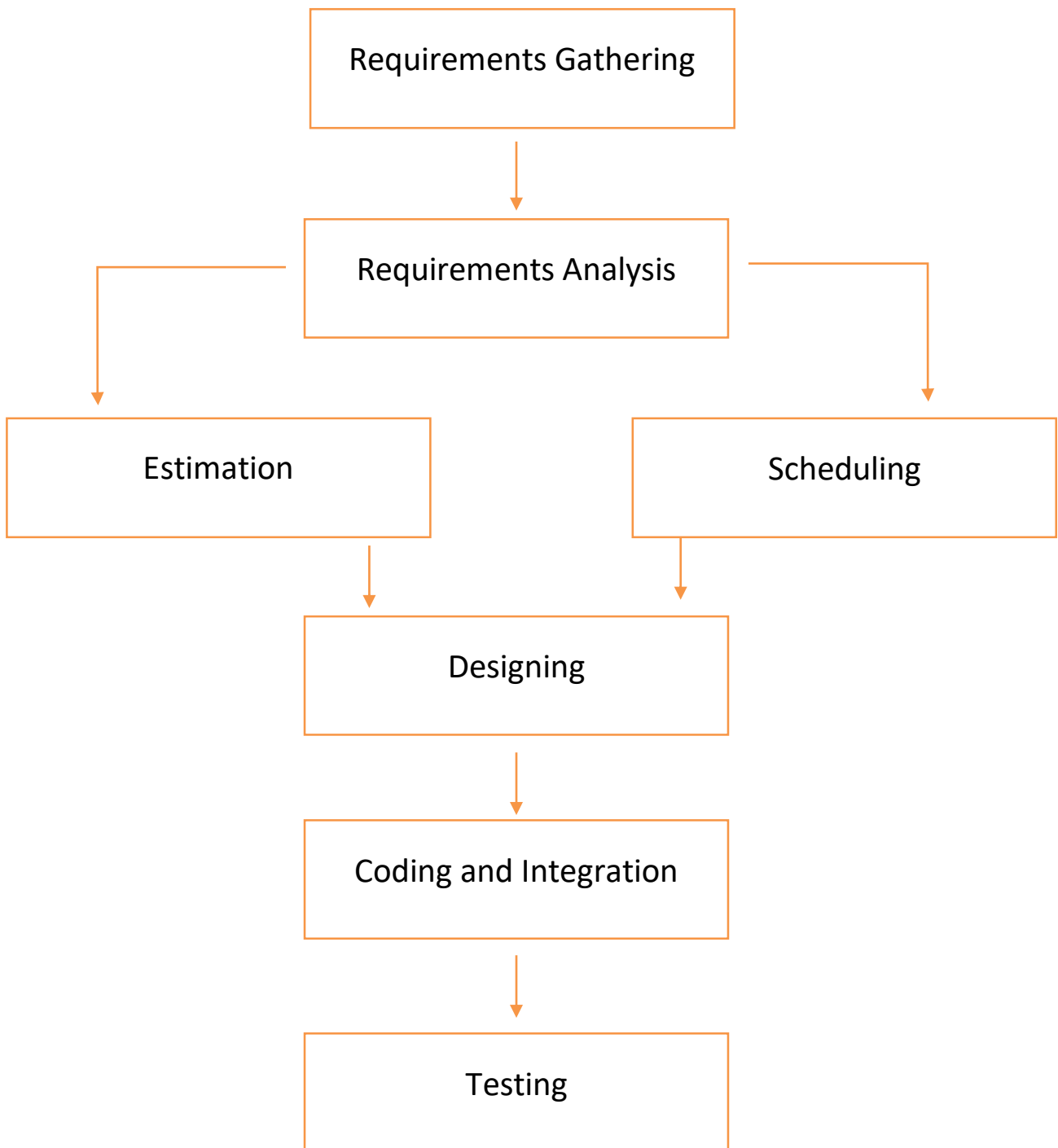
4.3 Software Engineering Model:

- We followed Iterative Waterfall Model for software development do we can add new functionalities as per requirement



4.3 Project Schedule

4.4.1.: Task Dependency



5. System Analysis

5.1 Detailed SRS

➤ Functional Requirement:

- Attractive and Interactive Projects.
- Web application With Admin & User Side.
- Searching.
- Know more about Projects and Engineers .

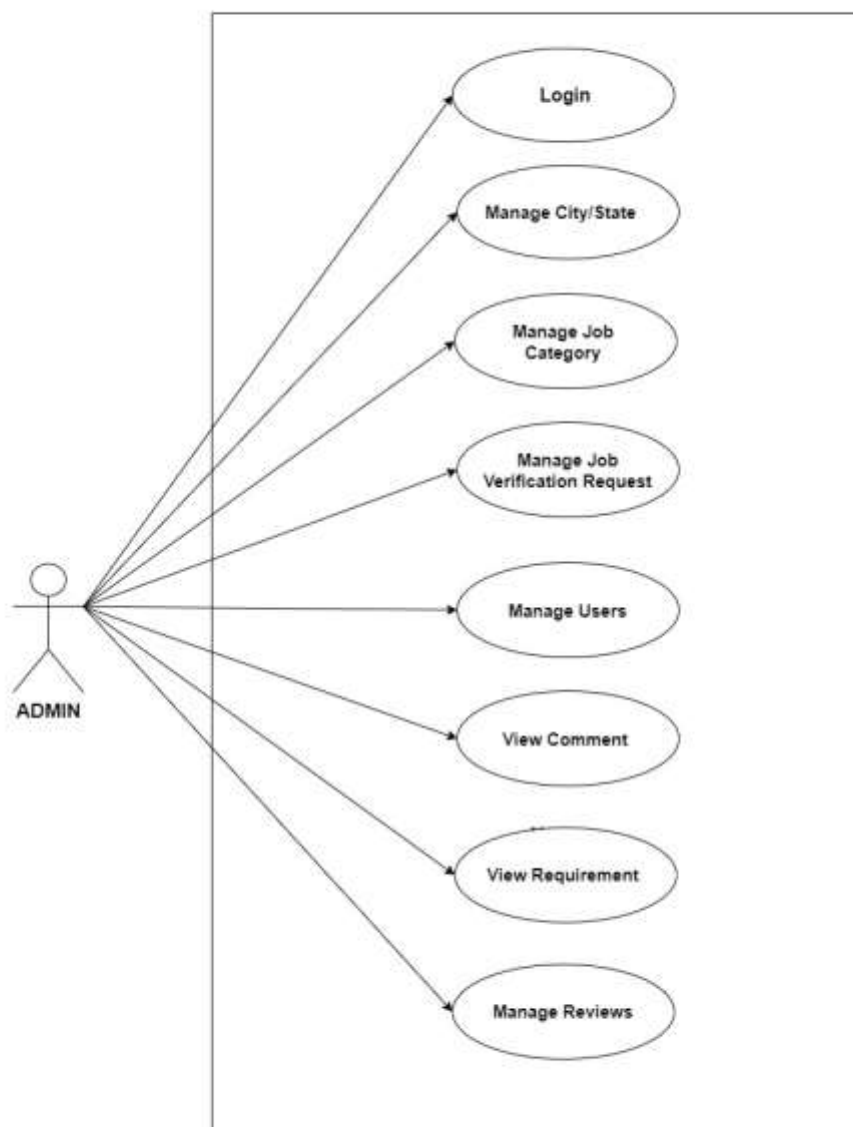
➤ Non-Functional Requirement:

- User,Admin Login & Logout.
- Database.
- Functionalities like Signup,Change Profile Data etc.
- Job Category.

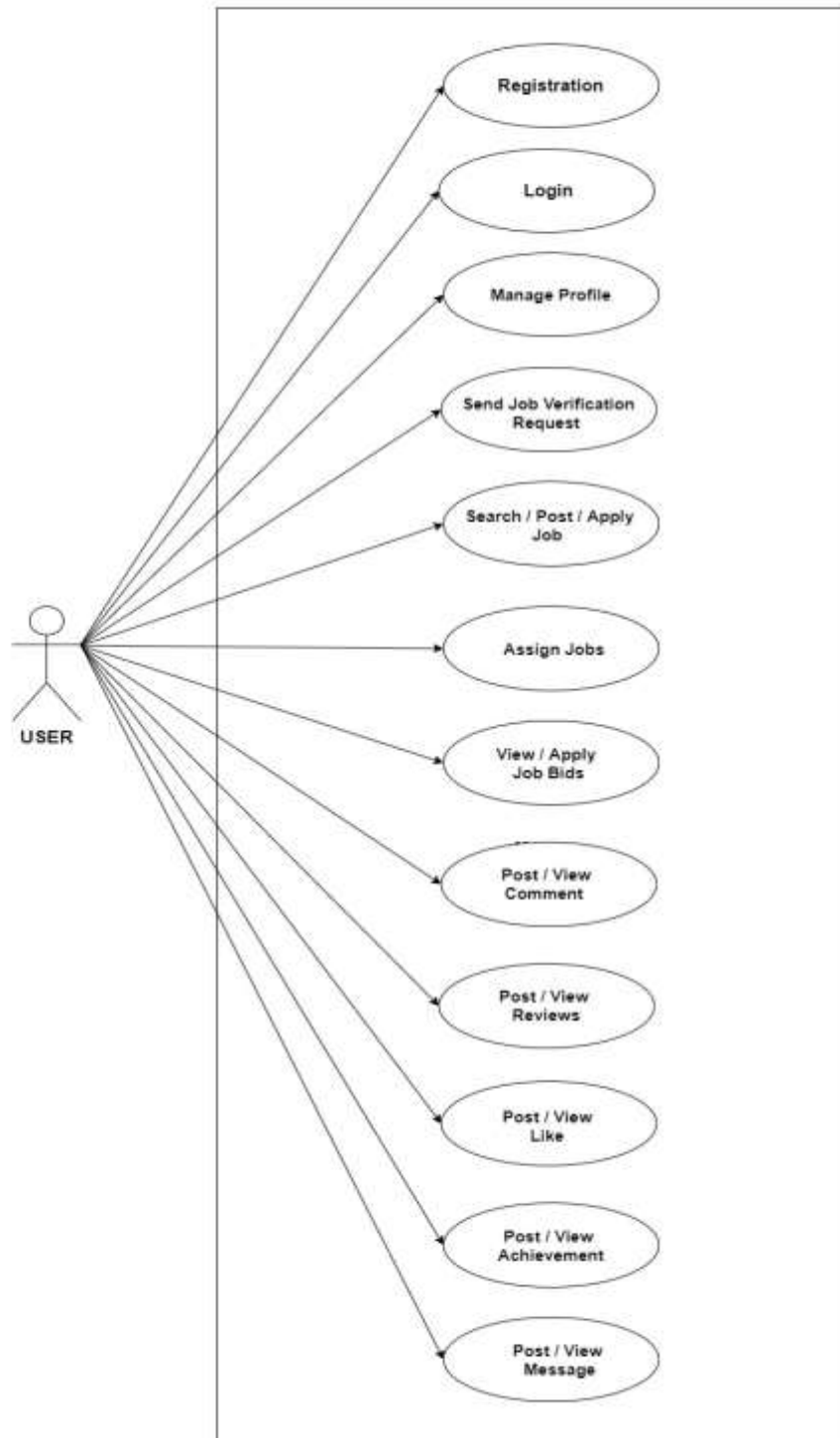
5.2 UML Diagrams

5.2.1: Use Case Diagrams

[Admin:](#)

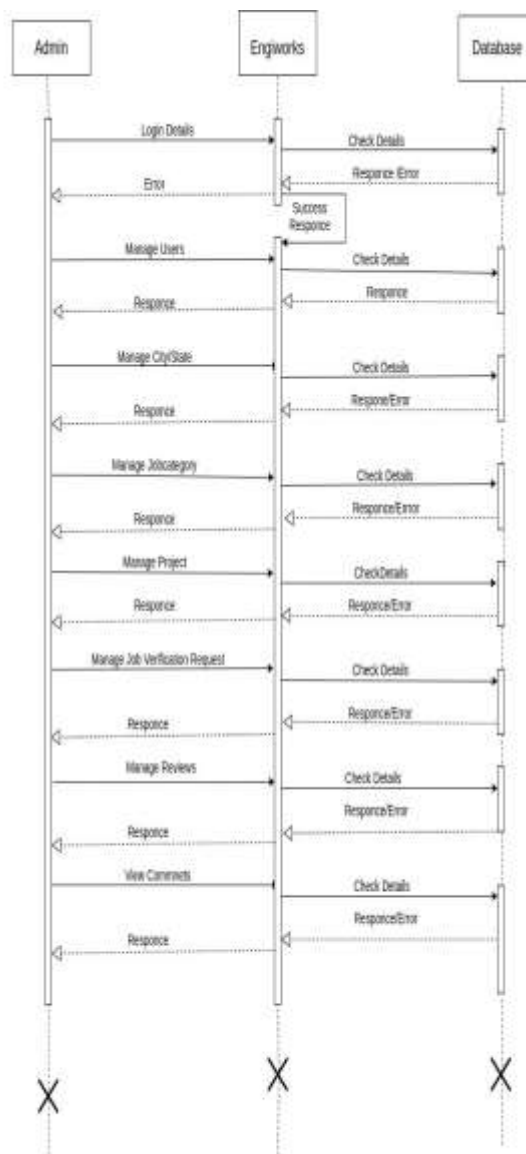


User:

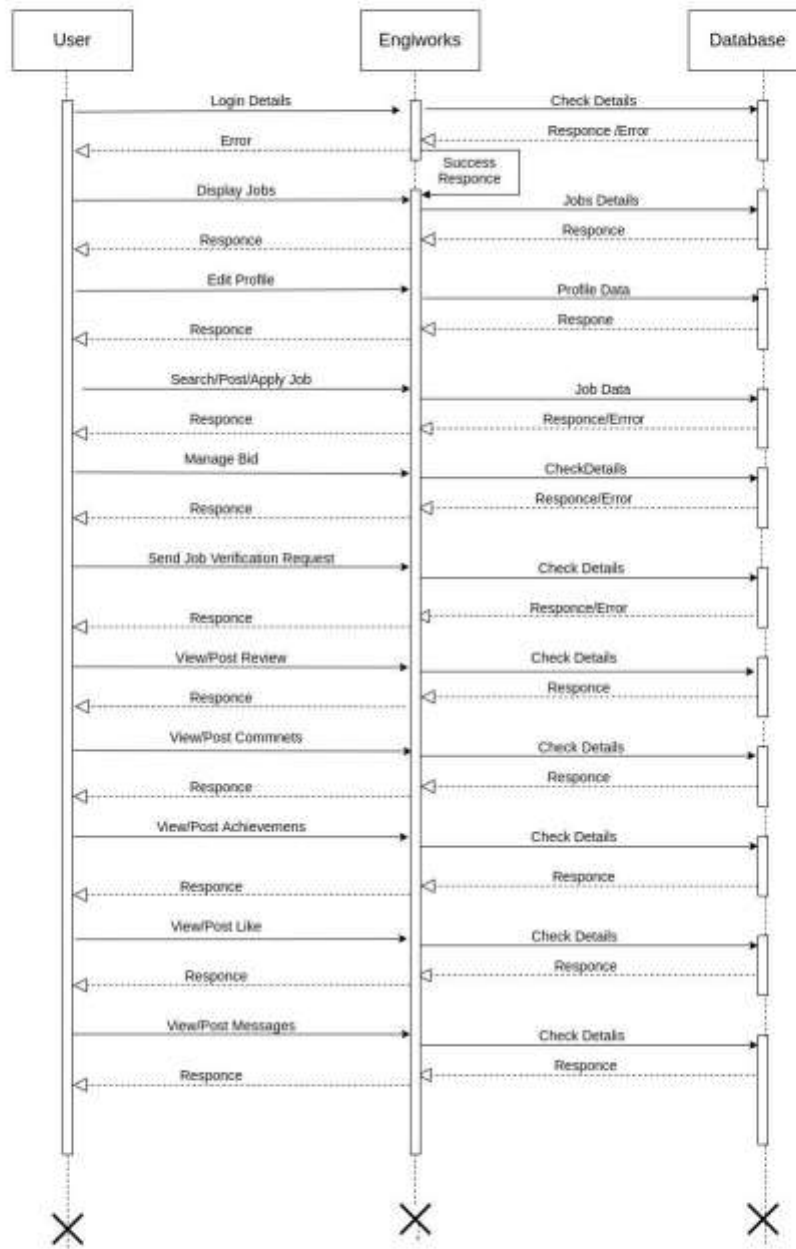


5.2.2: Sequence Diagram

Admin:

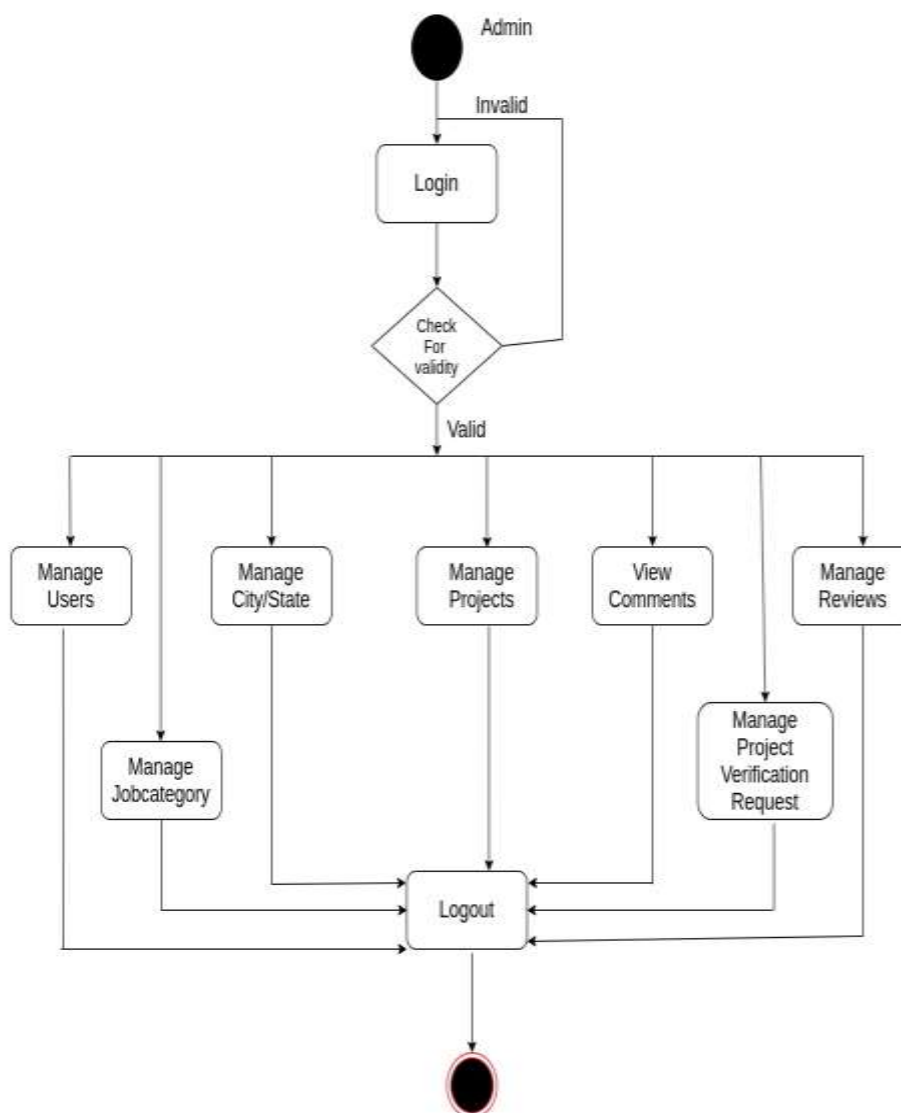


User:

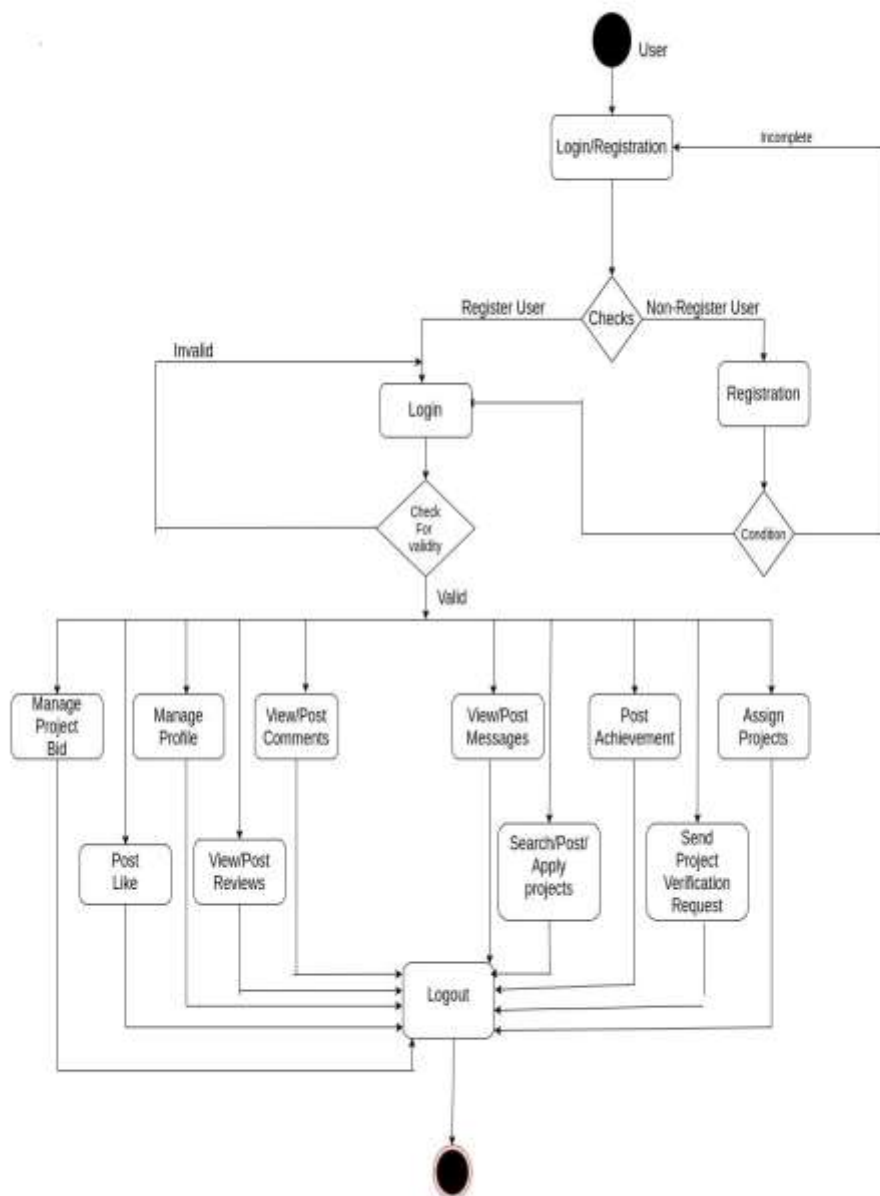


5.2.3: Activity Diagram

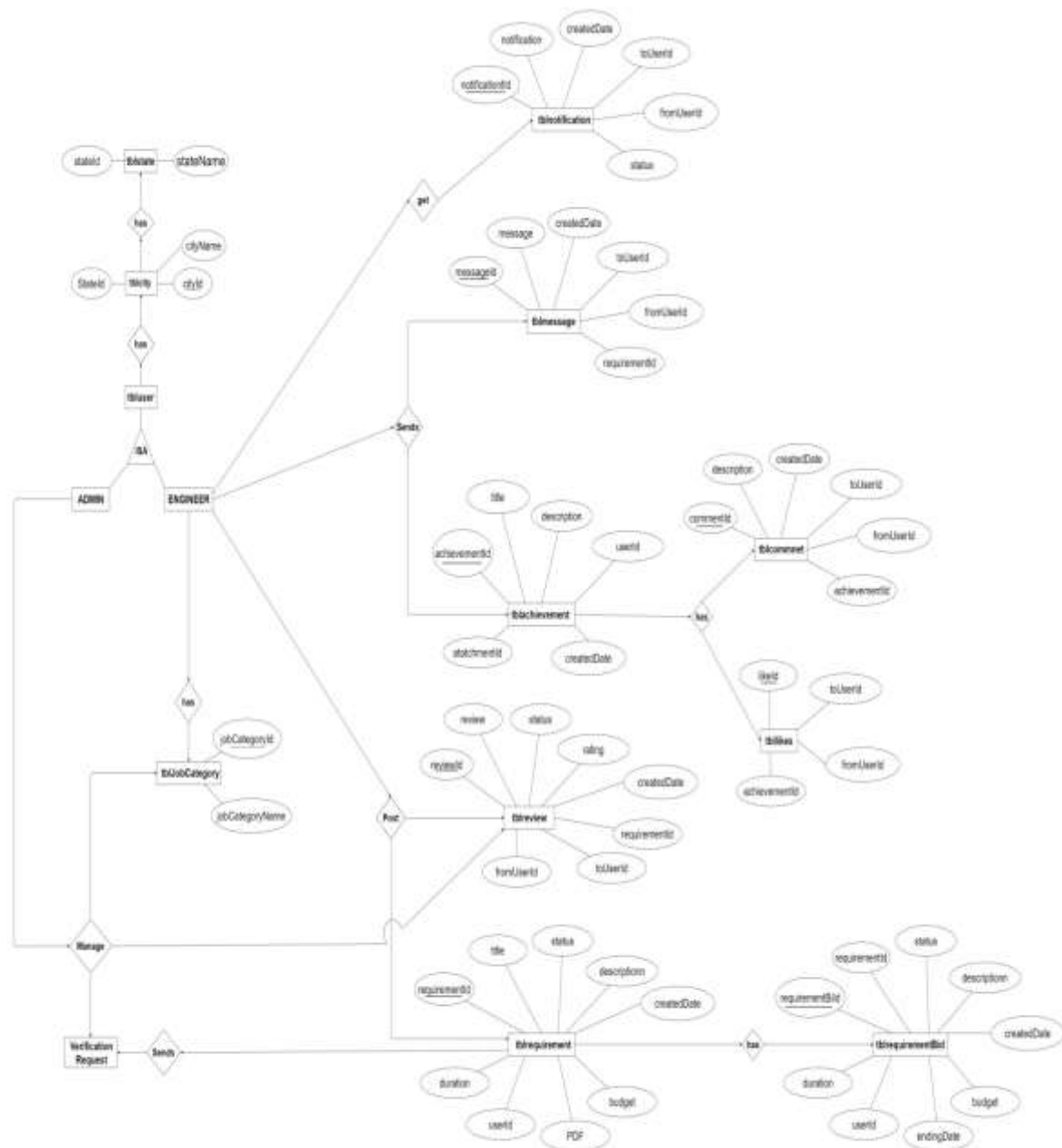
Admin:



User:



5.3 ER Diagram



6. Software Design

6.1 Database Design

1) tblachievement :

No	FieldName	DataType	Size	Constraint	Description
1	achievementId	Int	10	Primary key	It defines achievement id.
2	userId	Int	10	Foreign key	It defines user id.
3	attachmentId	Int	10	Foreign key	It defines attachment id.
4	title	Varchar	20	Not Null	Defines the title of the achievement.
5	Description	Varchar	100	Not Null	Defines description of the achievement.
6	createdDate	timestamp		Not Null	Date and time at which the achievement request was made.

2) tblattachment :

No	FieldName	DataType	Size	Constraint	Description
1	attachmentId	Int	10	Primary key	It defines attachment id.
2	userId	Int	10	Foreign key	It defines the user id .
3	attachement	Varchar	50	Not Null	Name of the attachment.

3) tblbidassigned :

No	FieldName	DataType	Size	Constraint	Description
1	bidAssignedId	Int	10	Primary key	It defines bid assigned id.
2	userId	Int	10	Foreign key	It defines the user id.
3	requirementId	Int	10	Foreign key	It defines requirement id.
4	requirementBid Id	Int	10	Foreign key	It defines requirement bid id.

4) tblcity :

No	FieldName	DataType	Size	Constraint	Description
1	cityId	Int	10	Primary key	It defines city id.
2	cityName	Varchar	15	Not Null	It defines the name of the city.
3	statetId	Int	10	Foreign key	It defines state id.

5) tblcommnet :

No	FieldName	DataType	Size	Constraint	Description
1	commentId	Int	10	Primary key	It defines comment id.
2	description	Varchar	50	Not Null	It defines the comment(msg.).
3	achievementId	Int	10	Foreign key	It defines achievement id.
4	toUserId	Int	10	Foreign key	It defines the user id who had comment.
5	fromUserId	Int	10	Foreign key	It defines the user id on whom the comment is
6	createdDate	timestamp		Not Null	Date and time on which the comment is requested.

6) tblgroup :

No	FieldName	DataType	Size	Constraint	Description
1	groupId	Int	10	Primary key	It defines group id.
2	groupName	Varchar	20	Not Null	It defines group name.

7) tbljobcategory :

No	FieldName	DataType	Size	Constraint	Description
1	jobCategoryId	Int	10	Primary key	It defines job category id.
2	jobCategoryName	Varchar	20	Not Null	It defines job category name.

8) tbllikes :

No	FieldName	DataType	Size	Constraint	Description
1	likeId	Int	10	Primary key	It is define project bid id.
2	achievementId	Int	10	Foreign key	It is define project id.
3	toUserId	Int	10	Foreign key	It defines the user id who had post the like.
4	fromUserId	Int	10	Foreign key	It defines the user id on whom the Like is given.

9) tblmessage :

No	FieldName	DataType	Size	Constraint	Description
1	messageId	Int	10	Primary key	It defines message id.
2	message	Varchar	50	Not Null	It defines the message
3	requirementId	Int	10	Foreign key	It defines requirement id.
4	toUserId	Int	10	Foreign key	It defines the user id ,who sends the message.
5	fromUserId	Int	10	Foreign key	It defines the user id ,to whom the message is send.
6	createdDate	timestamp		Not Null	

10) tblnotification :

No	FieldName	DataType	Size	Constraint	Description
1	notificationId	Int	10	Primary key	It defines the notification id.
2	notification	Varchar	20	Not Null	It defines the notification (msg.).
3	status	Int	10	Not Null	Defines the status of the notification.
4	toUserId	Int	10	Foreign key	It defines the user id who sends the notification.
5	fromUserId	Int	10	Foreign key	It defines the user id to whom the notification is send.
6	createdDate	timestamp		Not Null	Date and time when the notification is added.

11) tblrequirement :

No	FieldName	DataType	Size	Constraint	Description
1	requirementId	Int	10	Primary key	It defines the requirement id.
2	userId	Int	10	Foreign key	It defines the user id
3	status	Int	10	Not Null	It defines the status of the requirement.
4	title	Varchar	20	Not Null	Defines the title of the requirement.
5	description	Varchar	50	Not Null	It defines description about the requirement.
6	budget	Float		Not Null	It defines the budget of the requirement.
7	duration	Int	10	Not Null	It defines the duration of the requirement.
8	PDF	Varchar	50	Not Null	It stores the PDF of the requirement.
9	createdDate	timestamp		Not Null	Date and time when the requirement is added.

12) tblrequirementbid :

No	FieldName	DataType	Size	Constraint	Description
1	requirementBid Id	Int	10	Primary key	It defines requirement bid id.
2	userId	Int	10	Foreign key	It defines the user id
3	requirementId	Int	10	Foreign key	It defines the requirement id.
4	status	Int	20	Not Null	It defines the status of the requirement.
5	description	Varchar	50	Not Null	It defines description about the requirement.
6	budget	Float		Not Null	It defines the budget of the requirement.
7	duration	Int	10	Not Null	It defines the duration of the requirement.
8	endingDate	date		Not Null	Date and time when the requirement is added.
9	createdDate	timestamp		Not Null	Date and time when the requirement is added.

13) tblreview :

No	FieldName	DataType	Size	Constraint	Description
1	reviewId	Int	10	Primary key	It defines the review id.
2	review	Varchar	100	Not Null	It defines the review
3	ratings	Int	10	Not Null	It is define project id.
4	status	Int	20	Not Null	It defines the status of the review.
6	toUserId	Int	10	Foreign key	It defines the user id who sends the review.
7	fromUserId	Int	10	Foreign key	It defines the user id to whom the notification is send.
8	requirementId	Int	10	Foreign key	It defines the requirement id.
9	createdDate	timestamp		Not Null	Date and time when the requirement is added.

14) tbstate :

No	FieldName	DataType	Size	Constraint	Description
1	stateId	Int	10	Primary key	It defines the state id.
2	stateName	Varchar	15	Not Null	It defines the name of the state.

15) tbluser :

No	FieldName	DataType	Size	Constraint	Description
1	userId	Int	10	Primary key	It defines the user id.
2	userName	Varchar	15	Not Null	It defines the name of the user.
3	gender	Varchar	07	Not Null	It defines the gender of the user.
4	email	Varchar	25	Not Null	It defines the email of the user.
6	password	varchar	500	Not Null	Defines the password of the acc. For login in the website.
7	address	varchar	50	Not Null	It defines where the users live.
8	profileImage	Varchar	20	Not Null	It defines the pic. for an account.
9	status	Int	10	Not Null	It defines the status of the user.
10	jobCategoryId	Int	10	Foreign key	It defines the job category id.

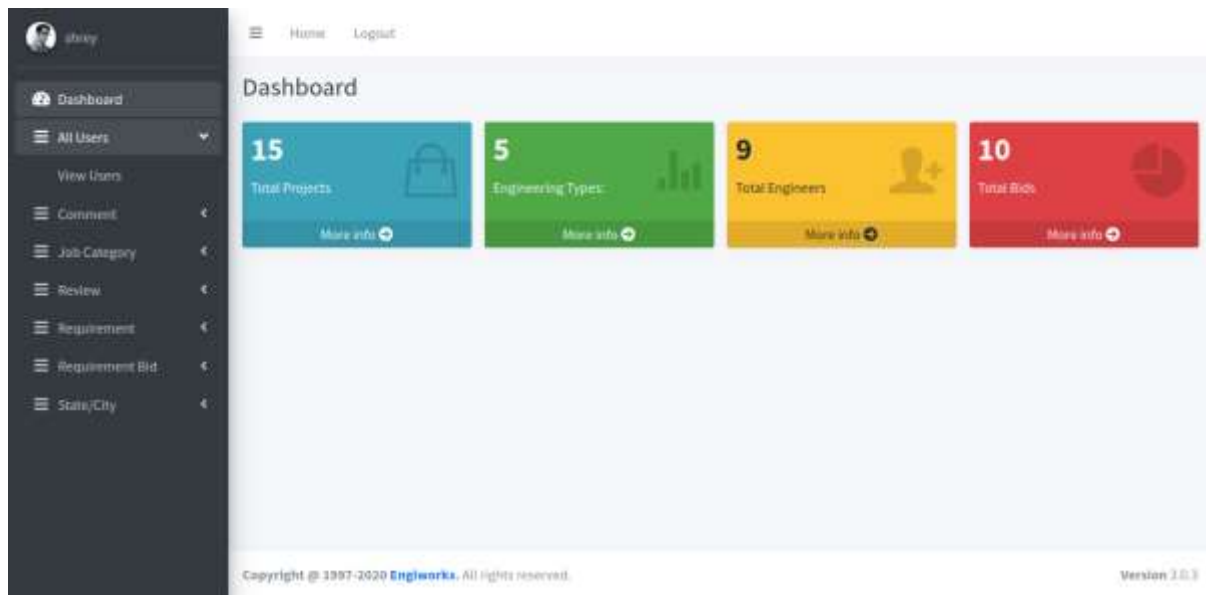
16) tblusergroup :

No	FieldName	DataType	Size	Constraint	Description
1	userGroupId	Int	10	Primary key	It defines user group id.
2	userId	Int	10	Foreign key	It defines the user id.
3	groupId	Int	10	Foreign key	It defines the user's group id.

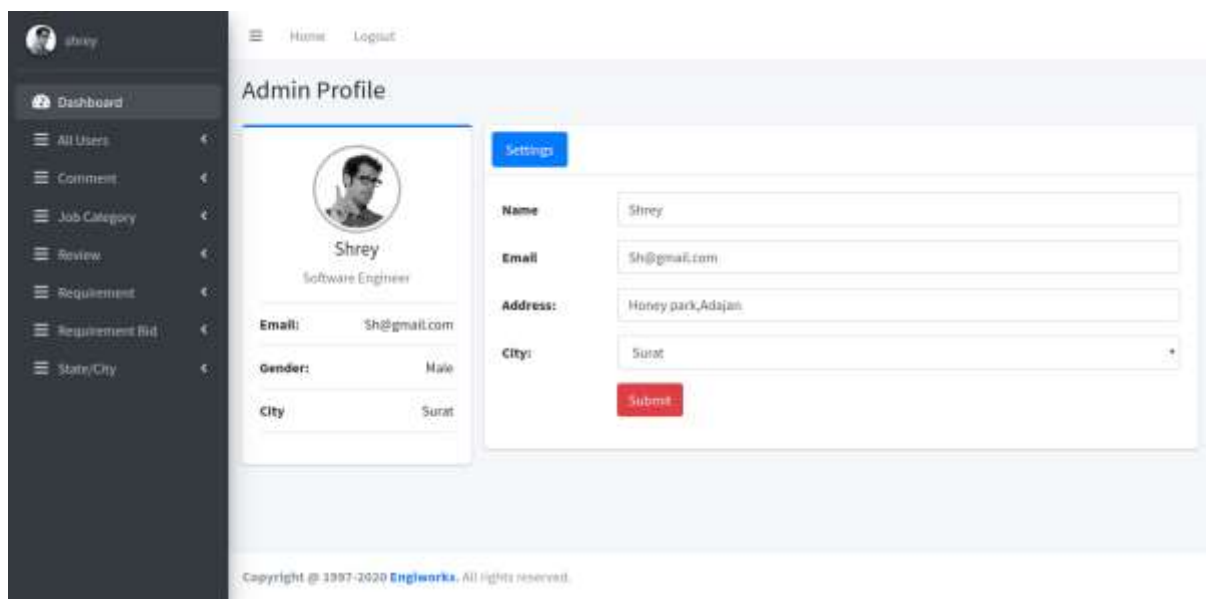
6.2 Interface Design

Admin Site:

Dashboard:



Admin Profile:



All Users:

The 'All Users' page displays a list of users in a grid. Each user card contains the following information:

- Header:** User name and profile picture.
- About:** User title (e.g., Civil Engineer).
- Contact:** Address and Email.
- Actions:** 'More info' button and 'Block' button.

Users listed: rishit, ujval, amit, harry, shrey.

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User Posted Projects:

The 'User Profile' page shows the 'Jobs Posted' tab for a user named rishit, a Civil Engineer from Mumbai. The profile includes the user's name, title, city, email, and gender.

The 'Jobs Posted' section lists the following projects:

Title	Budget	Duration	Description
Repairing	6000.0	7	First
Build pool	50000.0	20	abc
First1	2000.0	2	xyz

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User Got Projects:

The screenshot shows the Engiworks User Profile page for a user named 'shrey'. The profile is for 'amit', a Civil Engineer from Surat, with email 'am@gmail.com' and gender 'Male'. The 'Got Jobs' tab is selected, showing a project titled 'Build pool' by user 'rishit' with a budget of 'Rs. 50000.0' and a duration of '20 Days'. The footer indicates 'Copyright © 1997-2020 Engiworks. All rights reserved.'

Sfecific User Reviews:

The screenshot shows the Engiworks User Profile page for a user named 'shrey'. The profile is for 'amit', a Civil Engineer from Surat, with email 'am@gmail.com' and gender 'Male'. The 'Reviews' tab is selected, showing a review for user 'chintu' regarding a 'Job: Repairing' with a 'Review: Good...' and a 'Ratings: ★★★★★' (4 stars). The footer indicates 'Copyright © 1997-2020 Engiworks. All rights reserved.'

All Users Comments:


The screenshot shows the 'Comments' section of the Engiworks dashboard. On the left is a dark sidebar with a user profile 'shrey' and a menu including Dashboard, All Users, Comment, Job Category, Review, Requirement, Requirement Bid, and State/City. The main content area has a header with 'Home' and 'Logout' links. Below the 'Comments' title, there is a 'Show 10 entries' dropdown and a search bar. A table displays one comment entry with columns: From User, To User, Achievement, and Comment. The entry shows 'rishit' commented 'nice' to 'amit' with an achievement of 'a1'. Below the table, it says 'Showing 1 to 1 of 1 entries' and has 'Previous', '1', and 'Next' pagination links. The footer contains copyright information and the version number 'Version 3.0.3'.

From User	To User	Achievement	Comment
rishit	amit	a1	nice

Category:

The screenshot shows the 'Job Categories' section of the Engiworks dashboard. The sidebar is identical to the previous screenshot. The main content area has a header with 'Home' and 'Logout' links, and a title 'Job Categories' with an '+ Add Job Category' button. Below the title, there are four category cards: 'Civil Engineer', 'Mechanical Engineer', 'Electrical Engineer', and 'Software Engineer'. Each card has an 'Edit' button (pencil icon) and a 'Delete' button (trash icon). The footer contains copyright information and the version number 'Version 3.0.3'.

All Reviews:

 shrey

- Dashboard
- All Users
- Comment
- Job Category
- Review
- Requirement
- Requirement Bid
- State/City

[Home](#)
[Logout](#)

Reviews

Show 10 entries Search:

From User	To User	Review	Ratings	Status
chindu	amit	Good...	3	Block


Showing 1 to 1 of 1 entries

Previous 1 Next

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Version 1.0.3

All Requirements:

 shrey

- Dashboard
- All Users
- Comment
- Job Category
- Review
- Requirement
- Requirement Bid
- State/City

[Home](#)
[Logout](#)

Requirements

Show 10 entries Search:

From User	Title	Description	Budget	Duration	Status
rishit	Repairing	First	6000.0	7	Active
rishit	Build pool	abc	50000.0	20	Active
rishit	FirstL	xyz	2000.0	2	Block
ujjval	Meet electrician	abc	6000.0	7	Block

Showing 1 to 4 of 4 entries

Previous 1 first

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Version 1.0.3

All Requirements Bid:

Requirements Bid

Show 10 entries Search:

Job	From User	Budget	Duration	Description	Ending Date
Build pool	anil	47000.0	17	xyz	Thu Jun 04 00:00:00 IST 2020
Meet electrician	harry	111.0	7	qwerty	Thu Aug 13 00:00:00 IST 2020
Repairing	harry	5555.0	5	wwr	Tue Jan 14 00:00:00 IST 2020

Showing 1 to 3 of 3 entries Previous Next

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States / Cities:

States And Cities Add City

Home / States And Cities

Show 10 entries Search:

State	City	Action
Gujarat	surat	Edit Delete
Maharashtra	Mumbai	Edit Delete

Showing 1 to 2 of 2 entries Previous Next

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User Site:

Login:

The screenshot displays the EngiWQrks website's login interface. At the top, a dark header features the 'EngiWQrks' logo in orange and white, with navigation links for 'HOME', 'ABOUT US', and 'CONTACT US'. Below the header, a light gray section contains the word 'Login' and a button labeled 'Home > Login'. The main content area is a white box with a light gray border, containing a 'Username' field, a 'Password' field, a 'Remember me' checkbox, and a 'Login' button. A link for 'Forgot password?' is also present. Below the login box, a dark footer section includes social media links (Facebook, Twitter, Google+, Instagram, LinkedIn), a 'Need Help?' section with a phone icon and the number '81409-57099', and a 'Useful Links' section with links to 'Homepage', 'About Us', and 'Contact Us'. The footer also contains the EngiWQrks logo, a description of the website, and a copyright notice: 'Copyright © 2020. All Rights Reserved'.

EngiWQrks

HOME ABOUT US CONTACT US

Login

Home > Login

Username

Password

☐ Remember me

[Forgot password?](#)

Login

Don't have an account? [Register](#)

Follow us on

[f](#) [t](#) [g+](#) [i](#) [in](#)

Need Help ?

[CALL US: 81409-57099](#)

EngiWQrks

A WebSite for an engineers that they can post and apply for their respective field jobs.

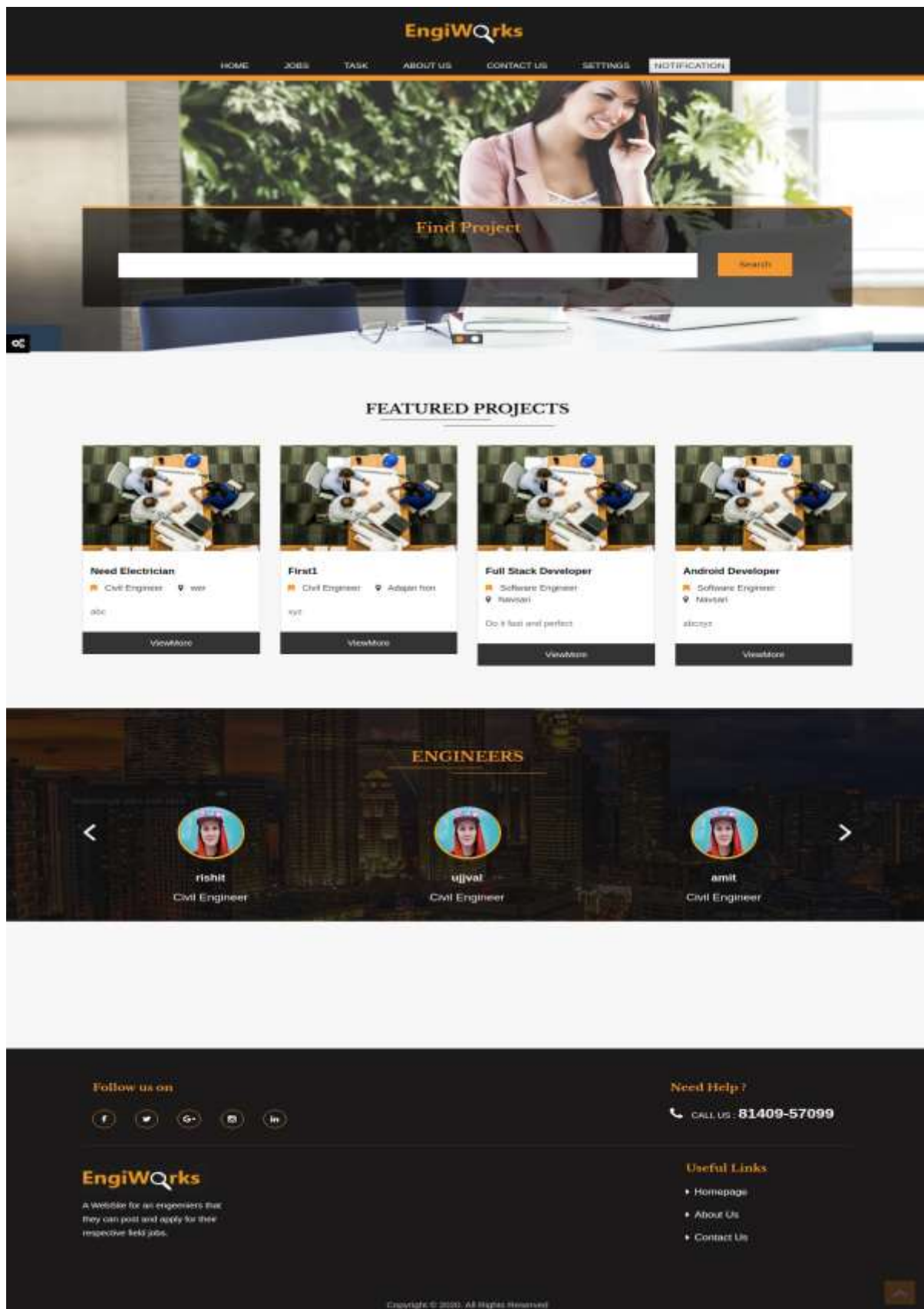
Useful Links

- ▶ Homepage
- ▶ About Us
- ▶ Contact Us

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ENGIWORKS

Home Page:



User Profile:


EngiWQrks

HOMEJOBSTASKABOUT USCONTACT USSETTINGSNOTIFICATION

MY PROFILE

Home > Candidates

PROFILEAPPLIED PROJECTPOST PROJECT



Upload Profile

USER NAME

EMAIL

CITY

JOB

ADDRESS

SAVE

Follow us on

EngiWQrks

A WebSite for an engineers that they can post and apply for their respective field jobs.

Need Help ?

CALL US : 81409-57099

Useful Links

[► Homepage](#)[► About Us](#)[► Contact Us](#)

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Applied Project:


EngiWQrks

HOMEJOBSTASKABOUT USCONTACT USSETTINGSNOTIFICATION

MY PROFILE

Home > Candidates

PROFILEAPPLIED PROJECTPOST PROJECT



Build pool






Civil Engineerpal tgb

abc

View more

<1234567>


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Need Help ?

 CALL US : 81409-57099


Useful Links

► Homepage

► About Us

► Contact Us

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Posted Projects:


EngiWQrks

HOMEJOBSTASKABOUT USCONTACT USSETTINGSNOTIFICATION


MY PROFILE

Home > Candidates


PROFILEAPPLIED PROJECTPOST PROJECT



Repairing
₹ 6000.0
Post
ViewBidderViewMore








Build pool
₹ 50000.0
Bid
ViewBidderViewMore



First1
₹ 2000.0
Bid
ViewBidderViewMore

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A WebSite for an engineers that they can post and apply for their respective field jobs.

Useful Links

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- Contact Us

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Assign Project:

EngiWQrks

HOMEJOBSTASKABOUT USCONTACT USSETTINGSNOTIFICATION

Project Detail

Home > Projects



Build pool

Full Time

Project Description

abc

Budget


50000.0

Duration

20

Project Details

Project Bidders








Username: amit

Duration: 17


Budget: 47000.0

AcceptDelete

Follow us on



Need Help ?

 CALL US : 81409-57099

EngiWQrks

A WebSite for an engineers that they can post and apply for their respective field jobs.

Useful Links

- Homepage
- About Us
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Reviews and Ratings:



amit



Message:

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Review:

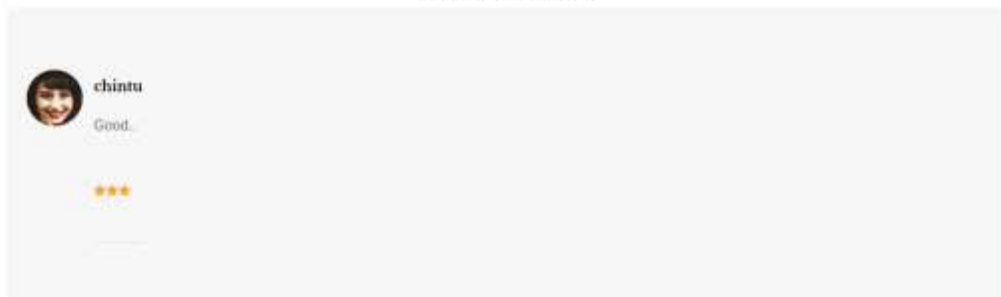
Ratings : ☐ ☐ ☐ ☐ ☐

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Bid For Project:

EngiWQrks

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Project Detail

Home > Projects



Budget

₹ 20000.0

Duration

20 days

Full Stack Developer

Project Description : Do it fast and perfect

APPLY FOR THIS PROJECT

Your Budget:

Duration:

0.0

0

Description:

Ending date:

dd/mm/yyyy

Submit

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Post Project:

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Post Project

Home > Post Project

Project Title

Duration

0

Budget

0.0

Description

PDF

POST

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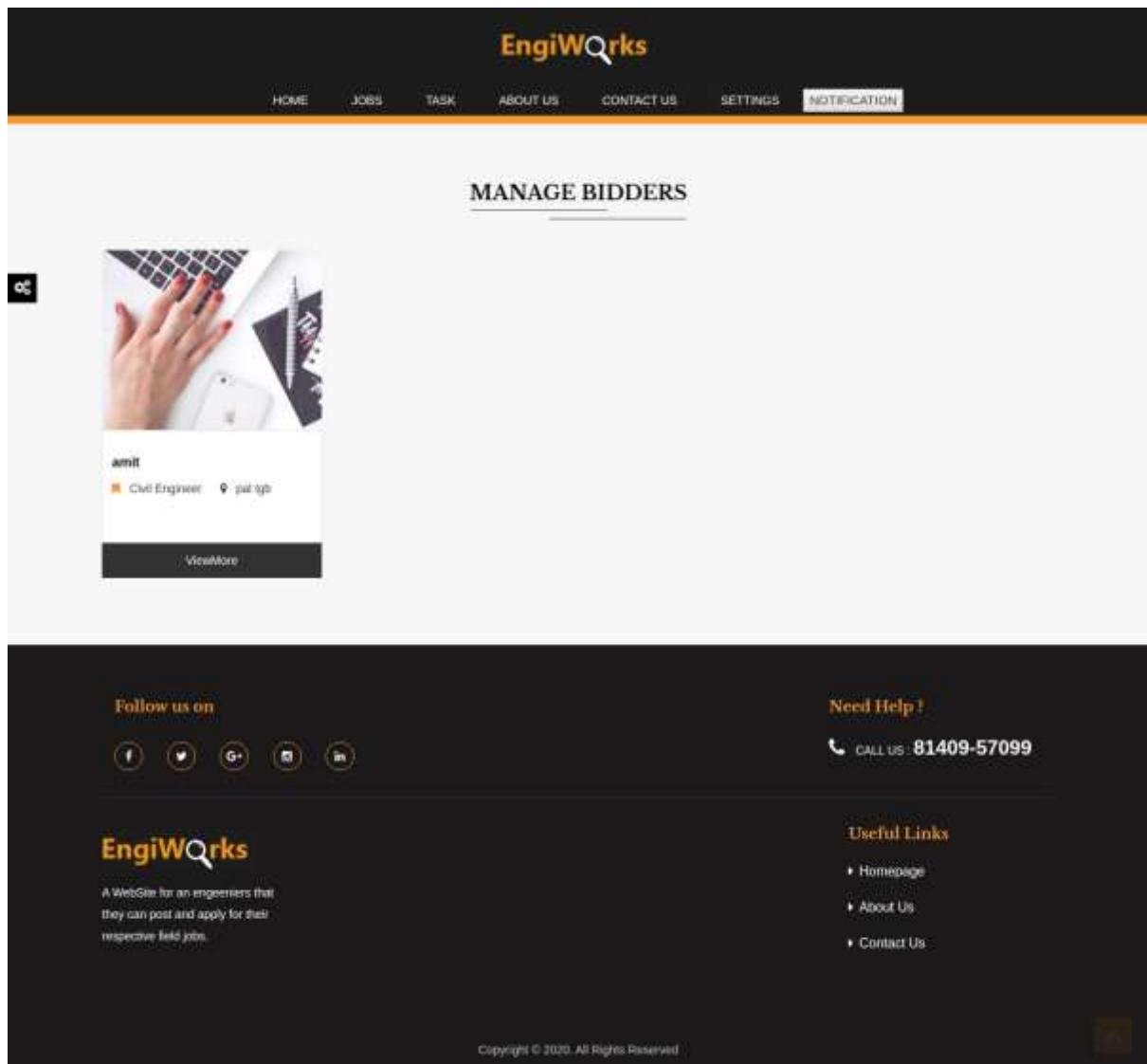
Manage Task:

The screenshot displays the EngiWQrks web application interface. At the top, a dark navigation bar contains the EngiWQrks logo and links for HOME, JOBS, TASK, ABOUT US, CONTACT US, SETTINGS, and a highlighted NOTIFICATION button. Below this is a banner image of people holding question marks with the word 'PROJECTS' overlaid. The main content area features a breadcrumb trail (Home Page > Category Page), a search bar, and a 'View' toggle. A list of three project tasks is shown, each with a 'MANAGE BIDDERS' button:

- Repairing**
Budget: 6000.0
Duration: 7
Description: First
- Build pool**
Budget: 50000.0
Duration: 20
Description: abc
- First1**
Budget: 2000.0
Duration: 2
Description: xyz

The footer section includes social media links (Facebook, Twitter, Google+, Email, LinkedIn), contact information (CALL US: 81409-57099), the EngiWQrks logo, a mission statement ('A WebSite for an engineers that they can post and apply for their respective field jobs.'), and a 'Useful Links' menu with options for Homepage, About Us, and Contact Us. A copyright notice 'Copyright © 2020. All Rights Reserved' and an upward arrow icon are also present.


Manage Bidders:



Message:

EngiWQrks

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Build pool

Message:






Send

of


MESSAGES:

rishit:nice
amit:hmm
amit:hey
rishit:hi
rishit:hey buddy
rishit:hey buddy
rishit:hey buddy
rishit:hi rishit
rishit:hi rishit

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Home > Submit Achivement

Achivement Title

Description

abc

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amit



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About:

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About us

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Who we are


EngiWorks is the #1 job site in the world with over 25 crore unique visitors every month. EngiWorks strives to put job seekers first, giving them free access to search for jobs, post Jobs, and research companies. Every day, Engineers connect millions of other engineers for a new opportunities.







Our Mission


Engineers of different field needs help of one another so this is the website for an engineers to communicate with the engineers which are from different field and can give and take work as per their requirement.

Our Team








Chaitanya Kantharia
CEO








Rishit Zaveri
Co-Founder








Saloni Saraiya
Scrum Master







Saurabh Sali
Backend Developer






   



Takshil Shimpi
Frontend Developer


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CHANGE PASSWORD

USERNAME:

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EMAIL

ujj@gmail.com

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Hello "ujjval"

CONFIRM PASSWORD

SAVE

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7. Test Case

7.1 Unit Testing

This testing focuses on verification effort on the smallest unit of software design – component or module. Using the component-level design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of tests and the error those test uncover is limited by constraint scope establish for the unit testing. The unit testing focuses on internal processing logic and data structure with boundaries of the component this type of testing can be conducted in parallel for multiple components.

7.2 Test Case

[Admin Site:](#)

Page Name	Data	Expected Result	Result Generated
AllJobCategory.xhtml AllUsers.xhtml AllReviews.xhtml AllRequirements.xhtml AllStates.xhtml AllCities.xhtml	Loading of Form – Check if it loads with correct page.	All Controls should be correctly Displayed.	All Controls are correctly Displayed.
AllRequirementsBid.xhtml AllComments.xhtml	Controls – Check all controls at load and at run time for correct result.	All controls should load well and should generate results at runtime.	All controls are loaded well and generated results at run time.
	Add and Edit all Details.	Information must be displayed according to Admin and must be stored in Database.	Information is displayed according to Admin and must be stored in Database.

User Site:

Registration.xhtml LogIn.xhtml Home.xhtml ManageTask.xhtml AboutUs.xhtml MyProfile.xhtml	Loading of Form – Check if it loads with correct page.	All Controls should be correctly Displayed.	All Controls are correctly Displayed.
message.xhtml bidderDeatils.xhtml ManageJob.xhtml ManageBidder.xhtml bidCheck.xhtml ViewMore.xhtml(project)	Controls – Check all controls at load and at run time for correct result.	All controls should load well and should generate results at runtime.	All controls are loaded well and generated results at run time.
PostAchievement.xhtml PostProject.xhtml	Add and Edit all Details.	Information must be displayed according to Admin and must be stored in Database.	Information is displayed according to user and must be stored in Database.

8.Future Enhancement

Payment Module
Github API
Personal Messages

9.References

www.w3schools.com
www.javatpoint.com
www.Tutorialspoint.com
www.Stackoverflow.com