



FINAL REPORT OF TERM PROJECT

CMSE 201

Fundamentals of Software Engineering

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GROUP NO : 8

PROJECT NAME : RatingWeb

PROJECT START DATE : 9th March 2021

PROJECT END DATE : 14st June 2021

ABSTRACT

As technology is improving in many sectors, many websites are appearing in which the user cannot define which website to trust, or which website is better, or which website serves the user in the best applicable way. Accordingly, we thought of a system that can help the user decides which website to use easily. In RatingWeb, the websites will be evaluated based on factors such as genuineness of the website, time delivery of products after online transactions and support provided by the website. All of this will be done using an opinion mining algorithm which will be responsible for rating the website according to different user's opinions that are stated in the comments section.

Keywords:

Rate websites.

Genuineness.

Transaction websites.

Trustworthy websites.

Users' opinion.

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1. INTRODUCTION

RatingWeb is an advanced Website Evaluation system that rates the website based on the opinion of the user. Website will be evaluated based on factors such genuineness of the website, timely delivery of the product after online transaction and support provided by the website. User will comment about the website, based on the comment system will rate the website. The system takes opinion of various users, based on the opinion; system will decide whether the website is genuine or not. The system uses opinion mining methodology in order to achieve desired functionality. We use a database of sentiment-based keywords along with positivity or negativity weight in database and then based on these sentiment keywords mined in user comment is ranked. The system contains keywords related to fraud, genuineness, timely delivery of the product and service meters in the database. Based on these factors system will rate the website.

2. PROJECT PLANNING AND MANAGEMENT

2.1. Project Team

Table 1. Project Team

Project No	8
Project Name	Website Evaluation Using Opinion Mining
Start Date	9 th March 2021
End Date	14 st June 2021
Time	14 weeks

Team leader / Programmer			
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2.2. Organization Scheme

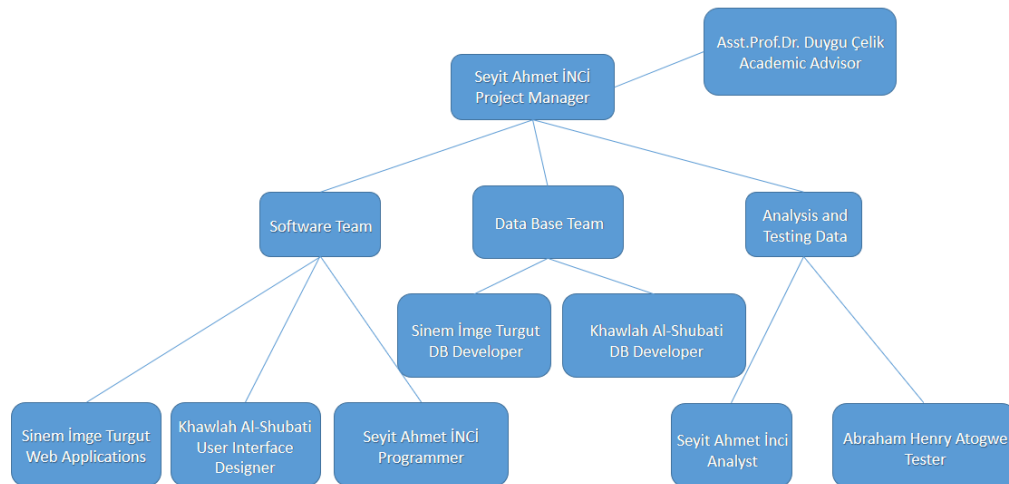


Figure 1. Organization Scheme

Project Definition

RatingWeb is an advanced website evaluation system that rates different websites based on the users' opinion.

Aim of the Project

The aim of the WebRating System is to help users identify the genuineness of the websites they are using and to know which website is better by the opinion of other users.

Scope of the project

The scope is an advanced Website Evaluation system that rates the website based on the opinion of the user. Website will be evaluated based on factors such genuineness of the website, timely delivery of the product after online transaction and support provided by the website. User will comment about the website, based on the comment system will rate the website. The system takes opinion of various users, based on the opinion; system will decide whether the website is genuine or not. The system uses opinion mining methodology in order to achieve desired functionality

Target Users/Innovative Aspects/Contributions of Project

The customers wanting to buy the product would like to compare the products and the services provided by different websites before purchasing the product. The services and all the parameters related to the website can't be compared on the existing system. Therefore; it makes it difficult for the customers to decide. Although the websites would be rated but comparing the websites would make it more efficient and can provide clear options for better products.

2.3. Tools/Methods Applied

The WebRating system will be designed using many tools such as Visual Paradigm, Microsoft Visio, and Visual Studio for coding. Furthermore, Microsoft Project tool is used to manage and schedule the

2.4. Reason for starting the Project

Considering all the information available on the web every individual should desire to find and access useful information. For example, users want to learn about different shopping web sites and what products and services they offer using the web. By the help of this information users may learn about the websites and in turn choose a website which is suitable according to their standards.

2.5 Required resources:

[1]. IEEE Recommended Practice for Software Requirements Specifications. (1998). Ieeexplore.ieee.org. Retrieved 27 May 2017, from <http://ieeexplore.ieee.org/document/720574/>

[2]. IEEE Recommended Practice for Software Design Descriptions. (1998). Ieeexplore.ieee.org. Retrieved 27 May 2017, from <http://ieeexplore.ieee.org/document/741934/>

[3]. Project Management Software | Microsoft Project. (2016). Products.office.com. Retrieved 27 May 2017, from <https://products.office.com/en-us/project/project-andportfolio-management-software?tab=tabs-1>

[4]. Software Design Tools for Agile Teams, with UML, BPMN and More. Visualparadigm.com. Retrieved 27 May 2017, from <https://www.visual-paradigm.com/>

[5]. Flowchart Maker & Diagramming Software, Microsoft Visio. (2016). Products.office.com. Retrieved 27 May 2017, from <https://products.office.com/enus/visio/flowchart-software?tab=tabs-1>

[6]. MockFlow - Online Wireframe and UX Tools. Mockflow.com. Retrieved 27 May 2017, from <https://www.mockflow.com>

[7] Website rating using opinion mining:

<https://nevonprojects.com/website-evaluation-using-opinion-mining/>

2.7 List of Work Packages

Table 2. Work Package 1

Work Package No	1
Work Package Name	Project Feasibility and Pre-Research (Feasibility Analysis)
Start-End Date and Time	9th March to 25th March 2021
Related Organizations	

1- List the activities of work packages.

1.1 Project Process and Economic Feasibility:

- 1- project initiation
- 2- Identification of the requirements and cost analysis of relevant sectors
- 3- Workflow Analysis.
- 4- Analysis of related products

1.2 Technological Feasibility:

- 1- Output technical and technological requirements analysis.
- 2- Determining the Technological resources.
- 3- Examination of similar national and international projects.
- 4- Conceptual design
- 5- Software requirements analysis.

2- Describe the methods and parameters that will be used for work package.

- Internet research.

3- List the experiments, tests and analysis in the work package.

- Economic market and outcomes test.
- Technological requirements and users' needs test.
- Project process flow test.

4- List the output of work package and its success criterias.

Outputs:

Complete guides found from the research in addition to economic and technological feasibility study.

Success Criteria's:

By this project is ready to start working on since it will be approved and the initial requirements are well documented.

5- Explain the relation of output with other work packages

This is considered the first stage of developing the project. It holds the basics and main documents needed to start designing the data of the project.

Table 3. Work Package 2

Work Package No	2
Work Package Name	Based System Design Technology (Analysis & Design stage)
Start-End Date and Time	26th March to 9th April 2021
Related Organizations	

1- List the activities of work packages.

- Determining the language to be used
- Design of systems
- Material and supplier selection
- Evaluation of System and revision

2- Describe the methods and parameters that will be used for work package.

- Visual Studio
- Customer feedback

3- List the experiments, tests and analysis in the work package.

- General Design specification
- Review preliminary software specifications
- Develop functional specifications
- Design of system
- Develop prototype based on functional specifications
- Incorporate feedback into functional specifications
- Obtain approval to proceed
- Time analysis and budget analysis
- Effort estimation and cost of estimation
- Managing Risks

4- List the output of work package and its success criterias.

Outputs:

- Prototype of the project
- Dataflow diagrams
- The plan of the project

Success Criteria's:

By doing all previous steps we will be ready to start developing the system in addition to completing the design of the system.

5- Explain the relation of output with other work packages

Putting the right effort on this stage will make the work easier for us in the coming stages. Furthermore, Analyzing will strongly help in understanding the project criteria and thus made the project stand out.

Table 4. Work Package 3

Work Package No	3
Work Package Name	Development of System Software (Development Stage)
Start-End Date and Time	10th April to 8th June 2021
Related Organizations	

1- List the activities of work packages.
<ul style="list-style-type: none"> • Creating the database • Coding and debugging • Algorithm modeling • User interface and system testing
2- Describe the methods and parameters that will be used for work package.
<ul style="list-style-type: none"> • Visual studio for coding • UI design • Database implementation
3- List the experiments, tests and analysis in the work package.
<ul style="list-style-type: none"> • Using professional tools for coding and programming • Assign development staff • Database Analysis • Algorithmic Analysis
4- List the output of work package and its success criterias.
Outputs: <ul style="list-style-type: none"> • Database and the desired codes are ready • Developed user interface • Connection with all other websites

Success Criteria's:

- Dataflow correctness
- Effective database design
- The Database must hold a large amount of information.

5- Explain the relation of output with other work packages

In this stage the program for the WebRating system will be ready in addition to the database.

By improving the user interface and building the right database that will help connecting users to all other websites that they are using, now the program is ready to move to its last stage which is Testing and maintenance stage.

Table 5. Work Package 4

Work Package No	4
Work Package Name	Prototype Implementation and Test Study and Maintenance (Test & Maintenance stage)
Start-End Date and Time	9th June to 14th June 2021
Related Organizations	

1- List the activities of work packages.

- Back and front-end testing
- System evaluation

- Unit and integration testing
- Database testing

2- Describe the methods and parameters that will be used for work package.

- Database testing
- Interface testing by all team members
- Testing real users' opinions about project usability
- Analysis of Algorithms

3- List the experiments, tests and analysis in the work package.

- Unit and Integration Testing
- Review the codes
- Modify codes if needed
- Re-test modified codes if needed
- Completion of testing stage.

4- List the output of work package and its success criteria's.

Outputs:

Reporting test results and the project is ready to be released

Success Criteria's:

The Website should pass all the testing criteria perfectly with all errors fixed.

5- Explain the relation of output with other work packages

By completing this stage, the project is ready to be released and used by users under the condition that all expected results are satisfying.

Figure 2. Gantt Chart

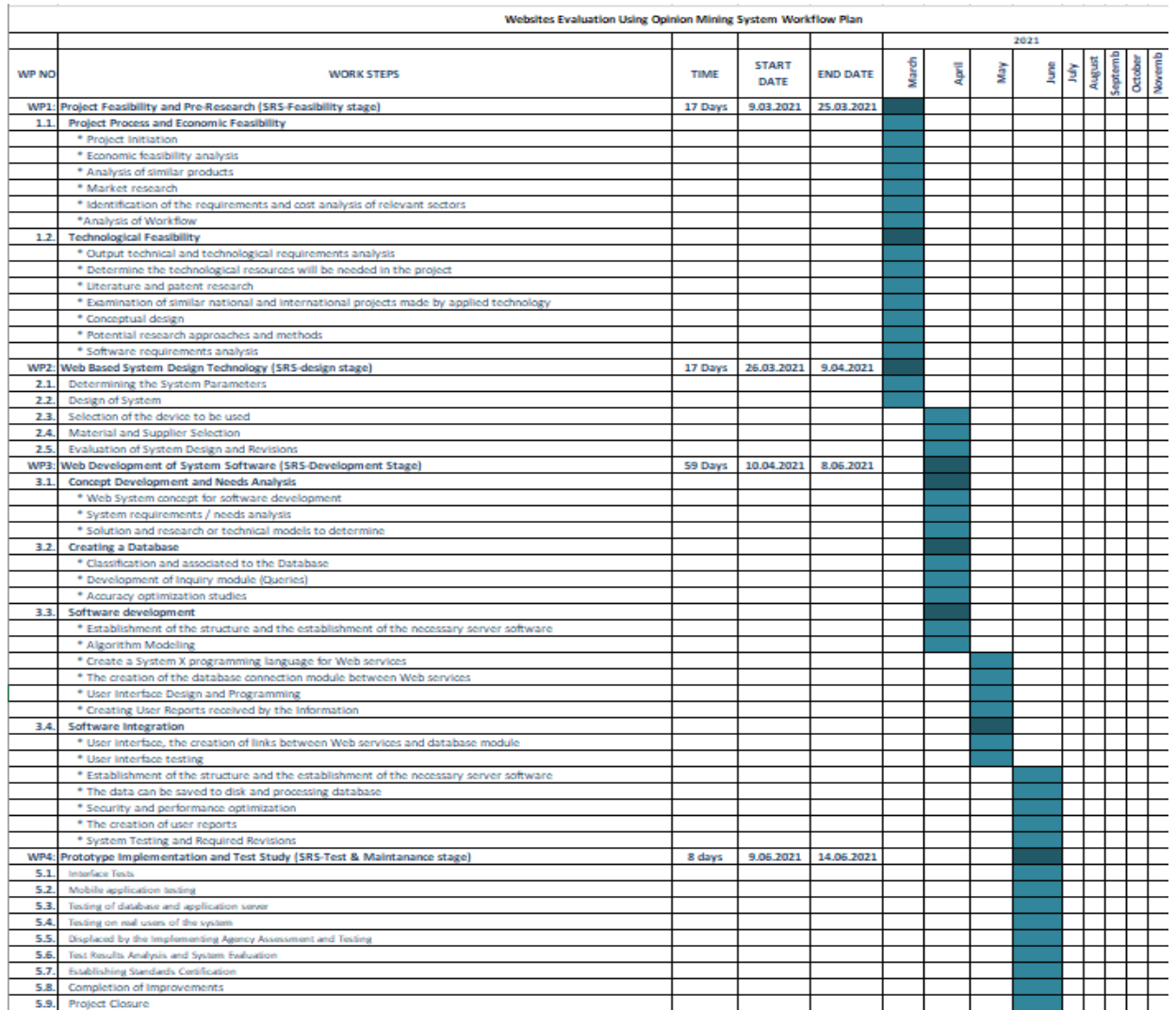


Figure 2. Gantt Chart Scheme

List of Milestones

Table 6. List of Milestones

	Description of Output	Expected Time Interval
1	Feasibility Studies and Pre-research	9 th March to 25 th March 2021
2	System Design	26 th March to 9 th April 2021
3	System Development	10 th April to 21 st May 2021
4	User Interface and Database Designing	22 nd May to 8 th June 2021
5	Testing and maintenance stage	9 th June to 14 th June 2021

Table 6. List of Milestones

List of Risks

Table 7. List of Risks

Risk	Probability	Effects	Your Strategy
The time required to develop the software is underestimated.	High	Serious	Build a cohesive team in which all the project requirements should be implemented in the best way possible. Use proper plan and stick to it.
Software tools cannot work together in an integrated way.	High	Tolerable	We will investigate changing or buying new tools that helps us finish our work.
Customers fail to understand the impact of requirements changes.	Moderate	Tolerable	We will prepare a brief document explaining on it everything related to the impact of requirements changes or if applicable we can just meet with the customer and understand from him what things he did not get and thus explain to him using an understandable language.
The rate of defect repair is underestimated.	Moderate	Tolerable	Replace potentially defective components with more reliable bought-in components.
The size of the software is underestimated.	High	Serious	Investigate buying SW components; Investigate use of a program generator.
Code generated by code generation tools is inefficient.	Moderate	Insignificant	Either write the code in different language or use different compilers or interpreters. Since this risk is always estimated we need to prepare high professional programmers at the first stage.
Key staff are ill at critical times in the project.	Moderate	Serious	Reorganize team so that there are more overlaps of work and people therefore understand each other's jobs.
The database used in the system cannot process as many transactions per second as expected.	Moderate	Serious	Investigate the possibility of buying a higher-performance database.

Commercialization Potential

The WebRating has huge commercialization potential because it will compare sites between all confirmed and entered sites by admin. And the RatingWeb will continue to enter new sites continuously in it. The project will be publish to global and, many user feedbacks will be gained and improvements with new features and bug fixes will be implemented

Project Economic Expectations

Table 8. Project Economic Expectations

2- List your expectations to your team which are come by your project	
Time-to-market (month):	June 2021
The expected increase in sales revenue (%):	%15
The expected increase in market share (%):	%30
Time to start to gain:	December 2021

Instrument / Equipment / Software / Release Purchases

Table 9. Instrument/Equipment/Software Purchases

Project Name										
Line no	Instrument / Equipment / Software / Publication Name	No. of Item	Capacity	Technical specification	Purpose of Project Activities	Post-Project Place of Use / Purpose		Unit Price (USD)	Unit Price (TL)	Total Amount (TL)
						R & D	Production			
1	Internet Connection	1		Min. 6 Mbit	Connection	test	Communication	100 USD	800 ₺	800
2	MacBook Pro	1		Min. i5 – 8gb	organization	Emulation	test	1650 USD	13.000 ₺	13,000
3	Website Hosting	1		Min 100gb Bandwidth and 30gb Storage	database	X		120 USD	980 ₺	980
4	SQL	1	UNDEFINED		database	X		120 USD	980 ₺	980
5	Corel Draw	1		UI Design	x			855 USD	6.980₺	6,980
6										
7										
8										
9										
10									TOTAL	22.740 TL

Quarterly Estimated Cost Form (TL)

Table 10. Quarterly Estimated Cost Form

Project <u>Name</u> :				
Cost Item	2018-2019		TOTAL (TL)	TOTAL COST RATE OF CONTENTS (%)
	I	II		
Personnel	10,000	35,000	45.000	
Travel	2000	4000	6000	
Instrument / Equipment / Software / Publications	22.740	-	22.740	
Domestic Works Made <u>By</u> R & D and Testing Institutions	-	-		
International Works Made <u>By</u> R & D and Testing Institutions	-	-		
Domestic Services Procurement	-	-		
Overseas Service Procurement	-	-		
Material	-	-		
TOTAL COST	*Depends that time's needs	*Depends that time's needs		100
CUMULATIVE COST			<div><div></div><div>(Ctrl)</div><div></div></div> 73.740	100
IN THE PROJECT TOTAL MAN-MONTH			73.740	

Perform estimation of effort (Man/month), required total time duration and required number of team members by using COCOMO approach

Basic Cocomo Model (Organic type Mode) :

$$\text{KLOC} = \text{FP} \times (\text{LOC} / 1000) = 2.50$$

$$\text{LOC} = \text{Language Factor} \times \text{FP} = \text{Java}(53) \times 47.17 = 2500.01$$

$$\text{FP} = \text{UFP} * (0.65 + 0.01 * \text{DI}) = 53 * (0.65 + 0.01 * 24) = 47.17$$

$$\text{Effort} = \text{person-month} = a * (\text{KLOC})^b = 2.4 * (2.50)^{1.05} = 6.28$$

$$\text{Duration in month} = c * (\text{person-month})^d = 2.5 \times (6.28)^{0.38} = 5.02 \text{ months}$$

$$\# \text{ of people} = \text{Effort} / \text{Duration} = 6.28 / 5.02 = 1.25 \text{ person required}$$



Measurement Parameter	Simple	Weight	Average	Weight	Complex	Weight	Sum
1. Number of external inputs (EI)	1	3	2	4			1*3 + 2*4 = 11
2. Number of external outputs (EO)			2	5			10
3. Number of external inquiries (EQ)			2	4			8
4. Number of internal files (ILF)			1	10			10
5. Number of external interfaces (EIF)			2	7			14
SUM = UFP							53

Table 11 Measurement Parameter

	<u>Factor</u>	<u>Complexity</u>	<u>Complexity Value</u>
<u>1</u>	Data Communication	Moderate	3
<u>2</u>	Performance Criteria	Significant	4
<u>3</u>	Online Data Entry	Moderate	3
<u>4</u>	Online Updating	Moderate	3
<u>5</u>	Ease of Operation	Essential	5
<u>6</u>	Portability	Moderate	3
<u>7</u>	Maintainability	Moderate	3
		DI=?	24
		UFP=?	53
		FP=?	47.17

Table 12. UFP/UF/DI Calculations

CPM (Critical Path Management) analysis by using PERT (defining paths):

Activity	Description	Processes	Time estimated (days)	ES	EF	LS	LF	Stack time
A	Feasibility studies and research	-	2 weeks	0	2	2	4	2
B	System design	A	2 weeks	2	4	6	8	4
C	System Development	A, B	6 weeks	4	10	4	10	0
D	User interface and database	C	3 weeks	4	7	7	10	3
E	Testing and maintenance stage.	D, C	1 week	10	11	11	12	1

ES	Act.	EF
LS	Dur.	LF

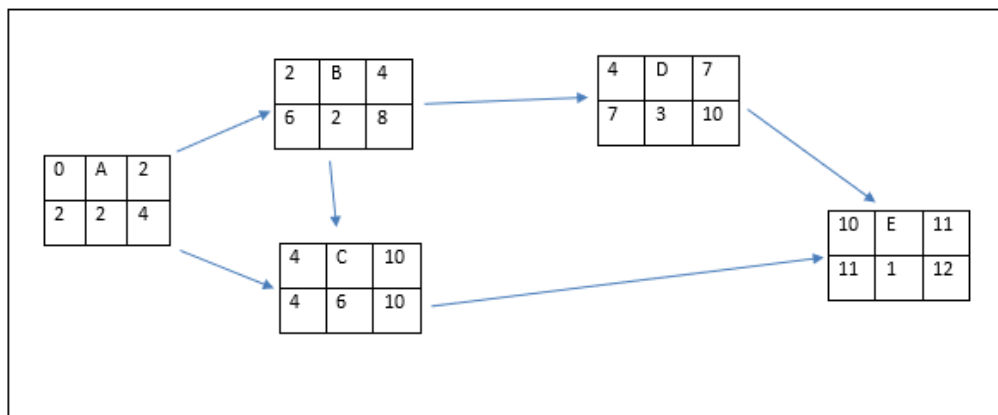
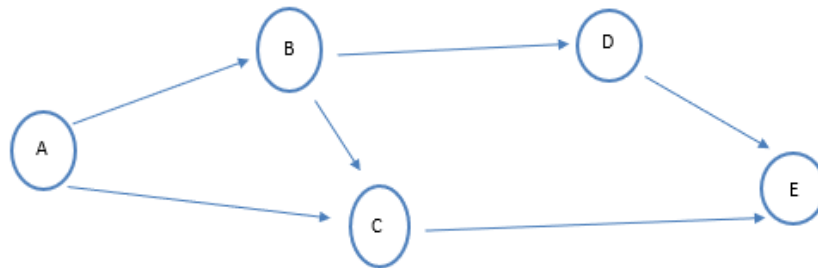


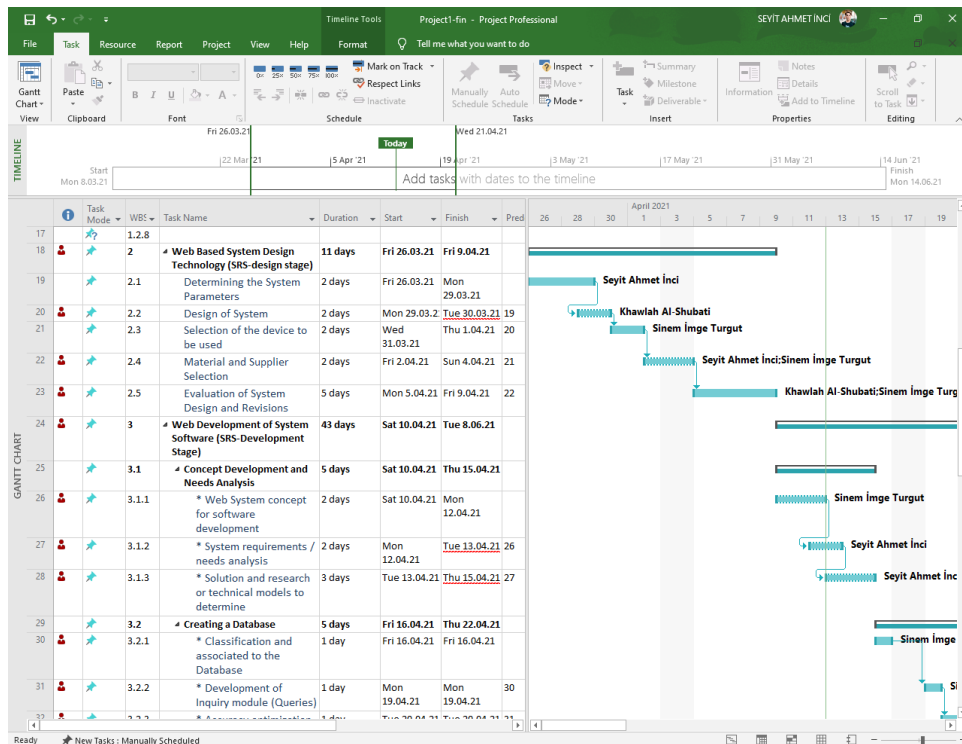
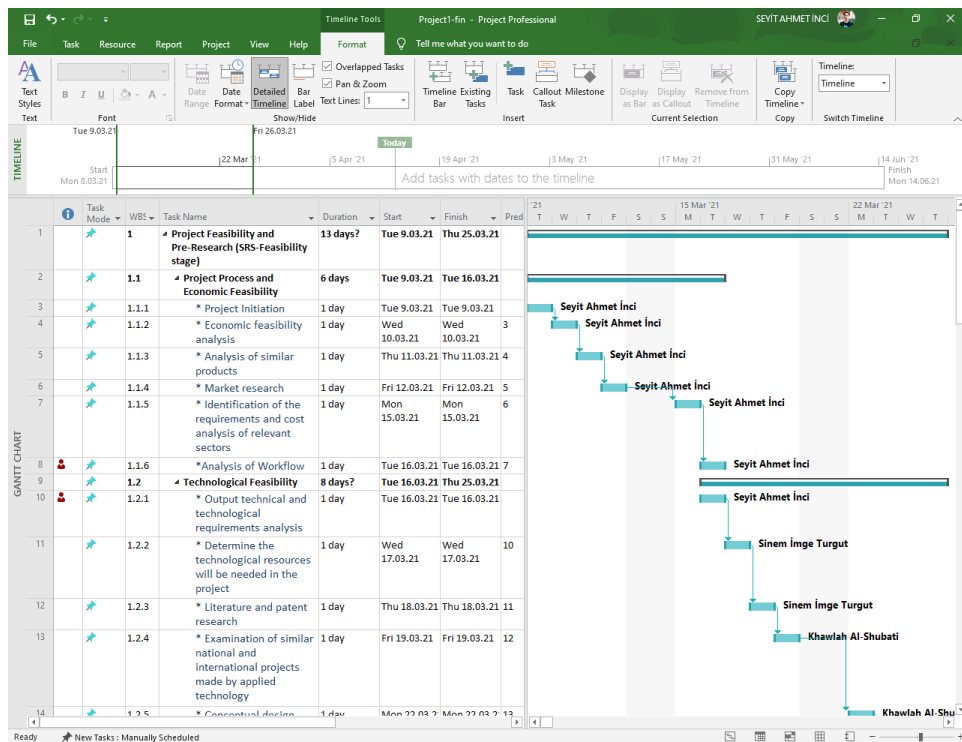
Table 13. Critical Path Management

Calculating probability of successful completion rate for each paths:

Work Package Name	Expected Time [(o+4r+p)/6]	Optimistic Time	Realistic Time	Pessimistic Time	σ	σ^2 Variance	Probability of Completing Each Task	% Success Rate
Feasibility Studies and Pre-research	12,99666667	13,98	15	4	2,766678	7,65450593	0,254327797	P(z) = 0,5987 , %59,87
System Design	14,05	13,3	14	15	0,080278	0,00644452	-	P(z) = 0,5000 , %50
System Development	42,33333333	41	42	45	0,444444	0,19753086	0,042317437	P(z) = 0,4840 , %48,40
User Interface and Database Designing	15	14	15	16	0,111111	0,01234568	0	P(z) = 0,5000 , %50
Testing and maintenance stage	8,053333333	7,32	8	9	0,0784	0,00614656	-0,00677079	P(z) = 0,5000 , %50
Sum =						7,87697355		

Table 14 Probability calculations

WBS:



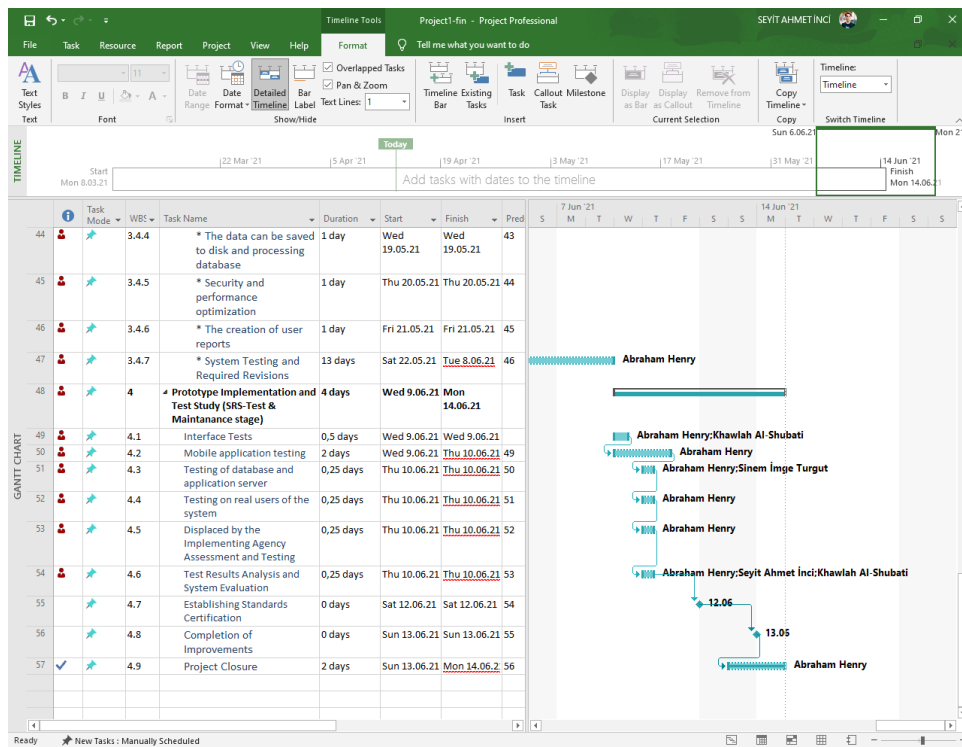
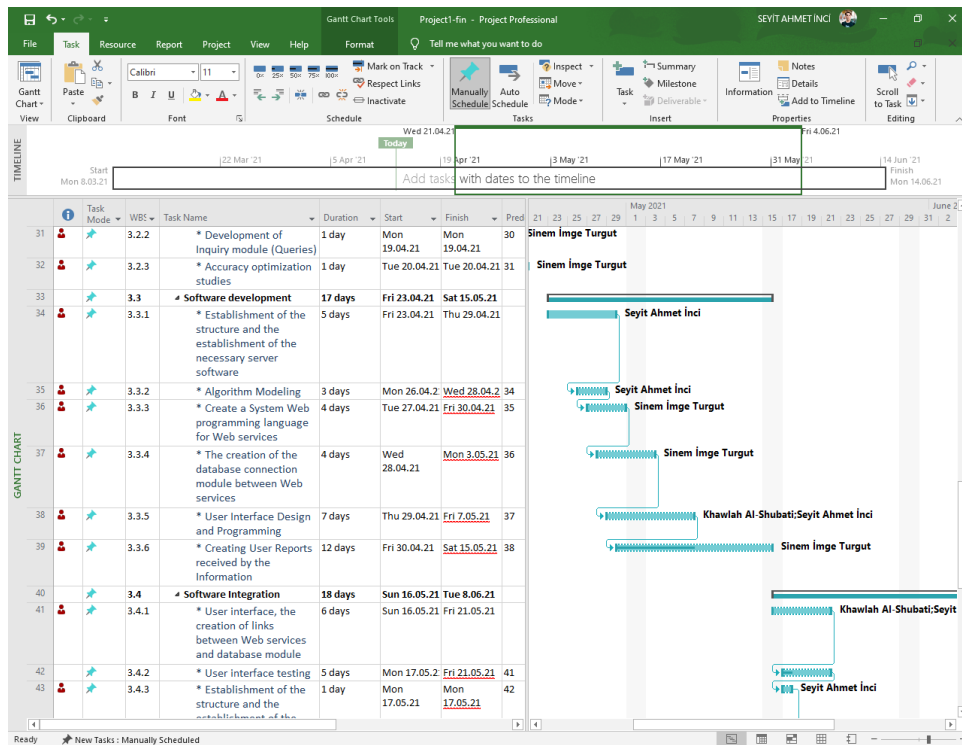


Figure 3. WBS

Network Diagram

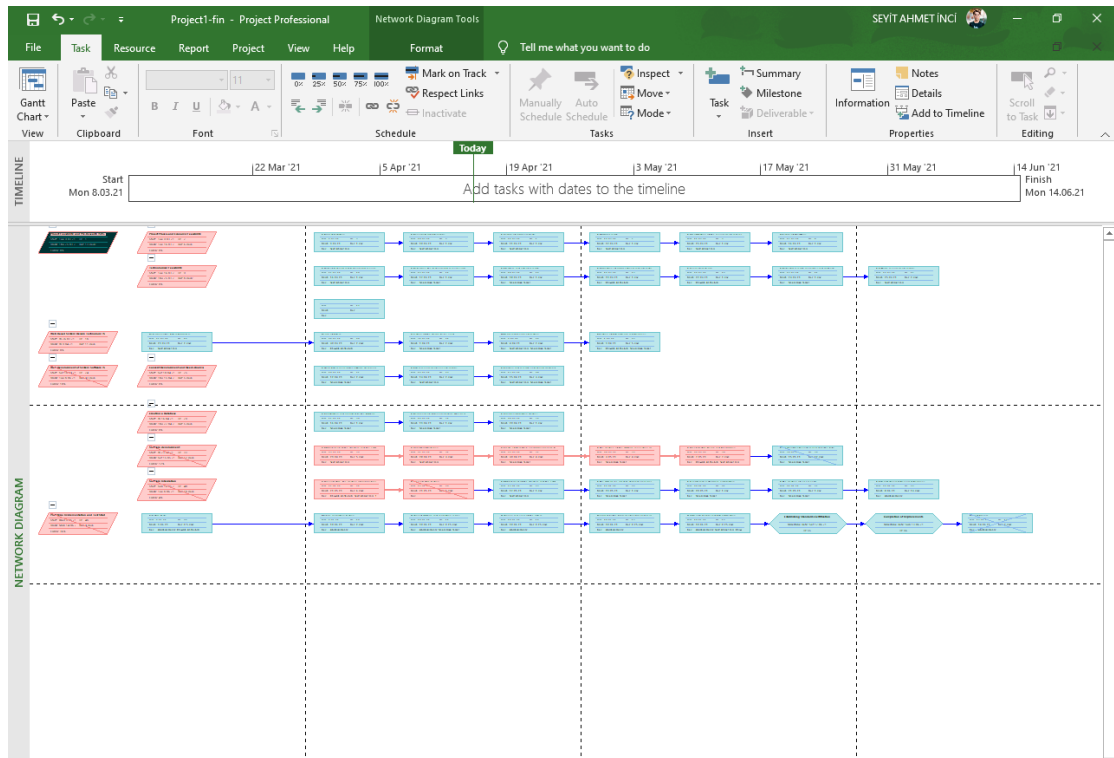


Figure 4 Network Diagram

3. REQUIREMENTS ANALYSIS

3.1 Functional Requirements

In RatingWeb system, there are many functional requirements that some of them will be mentioned here and others will be talked about:

- The user should be able to navigate between the tabs of different websites.
- The user should be able to login and logout of the system.
- The user should have either used the website before or is looking to use a certain website.
- The user should be able to navigate between the tabs of different websites.
- The user should be able to login and logout of the system.
- The user should have either used the website before or is looking to use a certain website.

- The user needs to be honest and biased when giving his opinion.
- The admin should have to be in contact with the website's owner.
- The admin needs to be aware of all new created websites so as to add them to the system to be rated.
- The admin should be able to add and describe the website.
- The admin should focus more on the websites that prompts the user to transfer money or do payments since such websites have the biggest priority for rating.

Use case diagram:

For use case diagram you can check Figure 7 – Page 34

Class diagram:

For use case diagram you can check Figure 6 – Page 33

Sequence diagram:

For use case diagram you can check Figure 8 – Page 36

IEEE standards:

The ethics and standards of the institute of electronics and electrical engineering are applied in this project.

3.2 Non-Functional Requirements (Seyit did it)

Reliability:

The system should be available when requested for service by users: The system should work 24/7, it should always be up and running so that whenever the user wants to use it, it is available.

The system should have a very low failure rate: The failure rate should be kept as minimal as possible, preferably less than 0.01

Performance:

The system must have a good response time.

The load time for the User interface should take less than two seconds.

It should be able to respond to multiple numbers of people at the same time.

The log in information should be verified within five seconds.

Queries shall return results within five seconds.

The system should be able to achieve a lot in a specified amount of time.

The system should be able to withstand a heavy workload.

The system must run error free while operating with a huge set of data.

The system should be precise and accurate when dealing with data.

The admin should be able to add, edit and delete showed websites in the RatingWeb

The admin should be able to add, edit and delete comments in the Rate Website's page.

The admin should be able to add, edit and delete contents in the help page.

The admin should be able to add, edit and delete informations in the about page.

The admin should be able to add, edit and delete informations in the contact us page.

The admin should be able to add, edit and delete settings options.

The user should be able to rate websites in the Rate Website's page

The user should be able to add comment in the Rate Website's page

User should easily share his view about the website (feedback).

Security:

All external communications between the system's data server and users's must be encrypted by Hasting. Hashing is a one-way function where a unique message digest is generated from an input file or a string of text. No keys are used

To ensure that the system is secure, access to the various subsystems will be protected by a User log in screen and requires a User information (Mail, Name, Pass-word).

To avoid loss of data in case of system failure, all system data must be backup every 24 hours and the backup copies stored in secure location different from the system. The system data should be stored in storage device e.g. hard drive, CD, Flash drive(USB) or it could be stored in files.

Usability:

The system should have a well formed, easy and soft to use graphical User interface.

The system should be User friendly.

The system must be easy to learn for both novices and Users with experience from similar systems.

The User must understand what the system does.

The User must feel satisfied with the system.

The system must be easy to remember for the casual user.

The user must feel satisfied with the system

Safety:

The system should maintain a good backup: Maintaining backups ensures that the system's database is secure, which means that in case of an emergency or accident the system can be easily restored.

Maintainability:

The system should be easy to maintain.

In order for the system to be easy to maintain it is done with a web-based, which is easy to maintain and which are Visual Studio and SQL.

Maintenance of the system should be cost efficient

Maintenance of the system should be less frequent.

The system should easily adapt to changes made

3.3 Realistic constraints

After calculating the whole constraints of the project, we found out that the project as a whole will cost no more than 22.740 TL.

Economic:

the need of investments is all for the project owner, for users it will be free to use and navigate: any person looking forward to know the genuineness of any website can use the system as well as if any person has used any particular website and want to share his experiences using that website can share his opinion in his comment section.

Environmental:

This type of systems is all software which will not contribute to any pollution except for the device it is used in, it will need a big memory and high-speed processors.

Social:

there are no social constraints for such system, anyone can use.

Political: There are no political constraints as well.

Ethical:

the users' must be honest when writing their comments on a website according to their experience.

Users' information should be kept confidential in the database.

There should be no offense for other users in the system.

Health and safety:

using such system will not affect the health of the user for any reason unless they stay a long time navigating the website which might harm their eyes.

Sustainability:

yes, the product can be used over the long term as long as both users and admins maintain the ethical approaches and constraints.

3.4 Ethical issues

- website acts consistently with the public interest
- ensures that their products and related modifications meet the highest professional standards possible.
- managers and leaders shall subscribe to and promote an ethical approach to the management of software development and maintenance.
- the users' must be honest when writing their comments on a website according to their experience.
- Users' information should be kept confidential in the database.
- There should be no offense for other users in the system.

4. DESIGN

4.1 High level design (architectural)

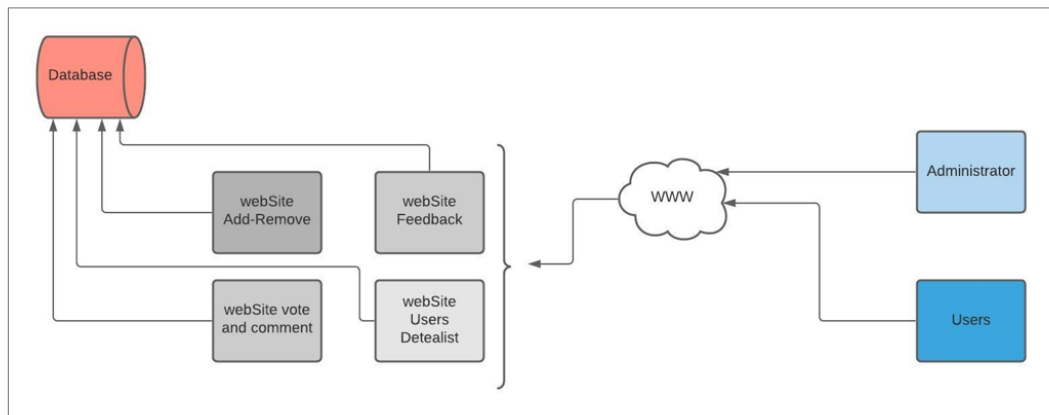


Figure 5 Architecture Diagram

4.2 Software design

Class Diagram

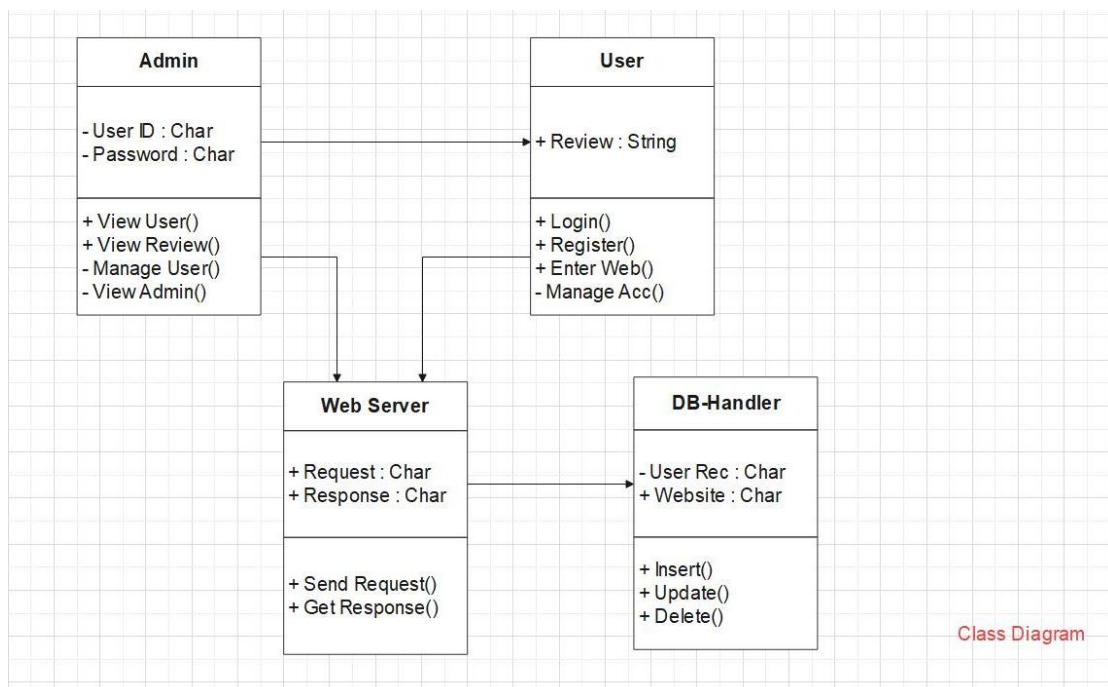


Figure 6 Class Diagram

Use Case Diagram

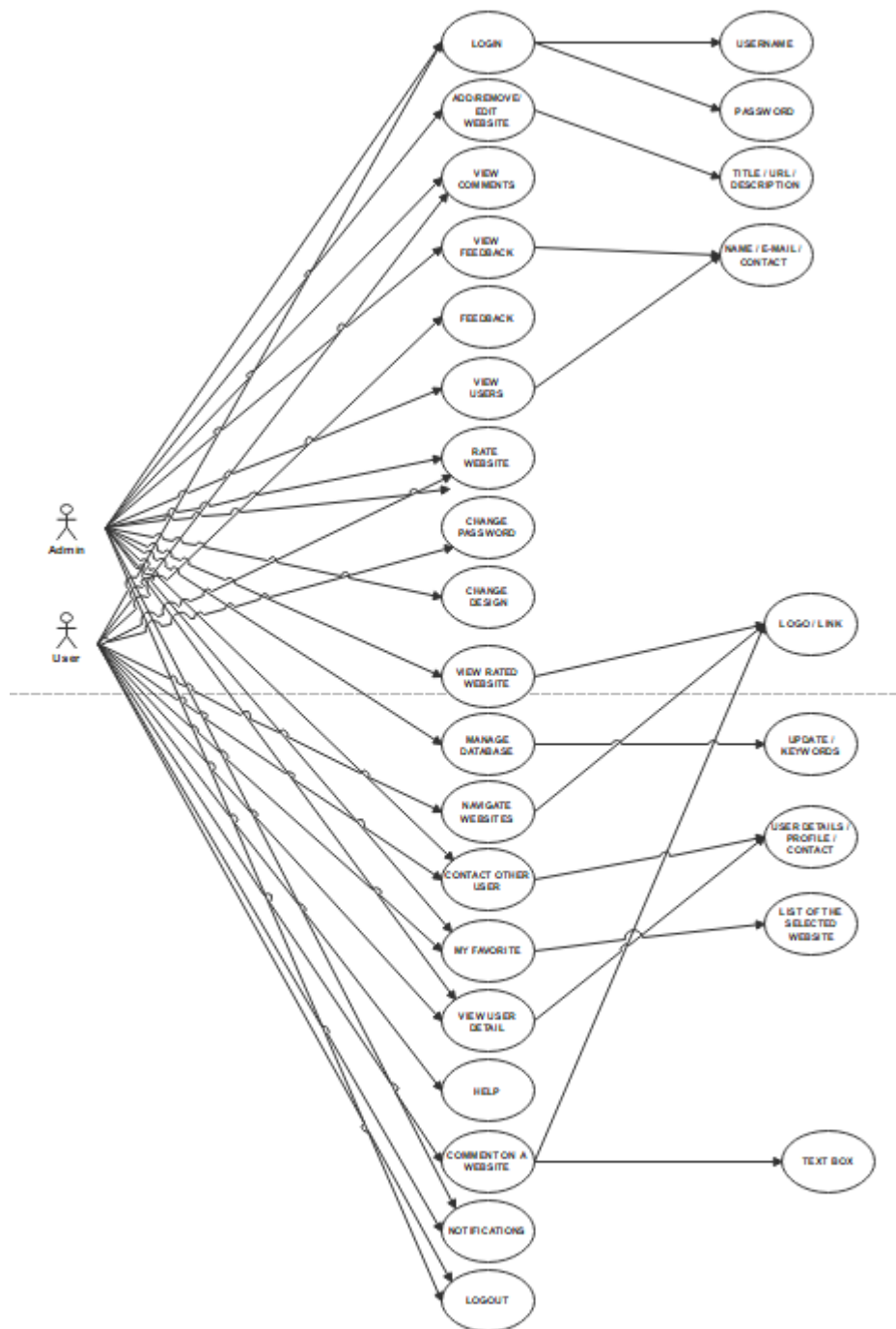


Figure 7 Use Case Diagram

Use Case Table

Functional Requirements	USER	ADMIN
Login with username / password	✓	✓
Add / Remove / Edit website		✓
View Comments	✓	✓
View Feedback		✓
Feedback	✓	
Check user ID / E-Mail		✓
Rate Website	✓	✓
Change Password	✓	✓
Search Website	✓	✓
Notifications	✓	✓
View Reted Website	✓	✓
Comments on a Website	✓	
Help	✓	
Contact Other Users	✓	✓
View User Information		✓
Manage Database		✓
Change Design		✓
My Favorite	✓	✓
Navigate Website	✓	
Logout	✓	✓
View Details	✓	✓

Table 15 Use Case Table

Sequence Diagram

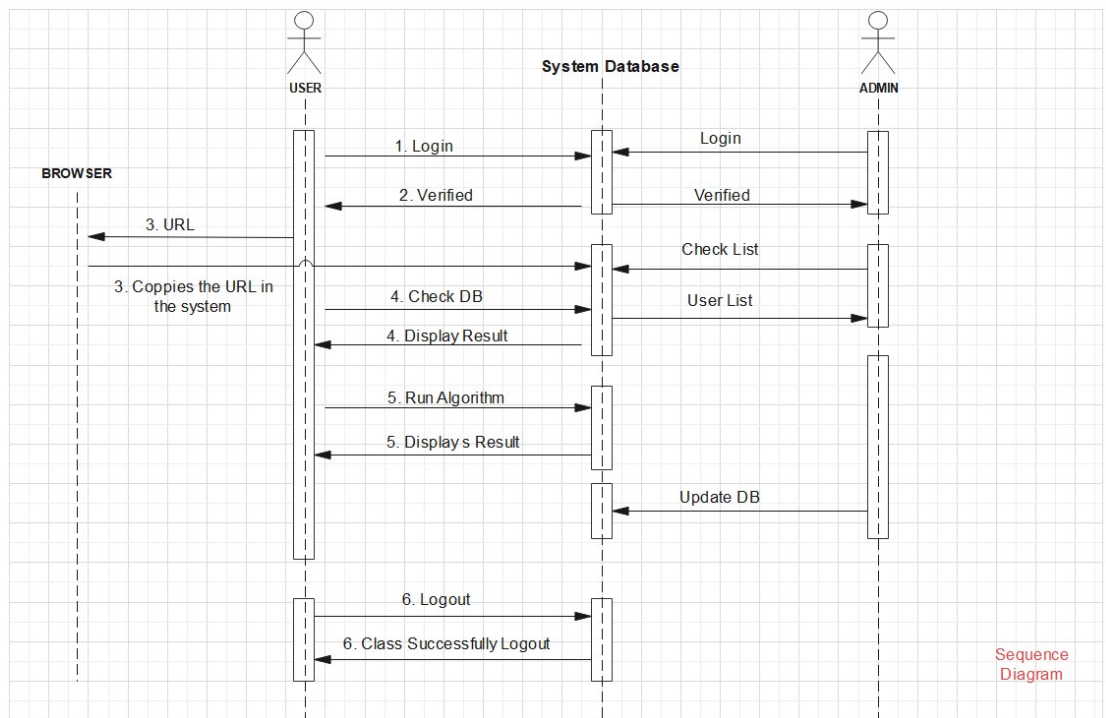


Figure 8 Sequence Diagram

BPMN Diagram

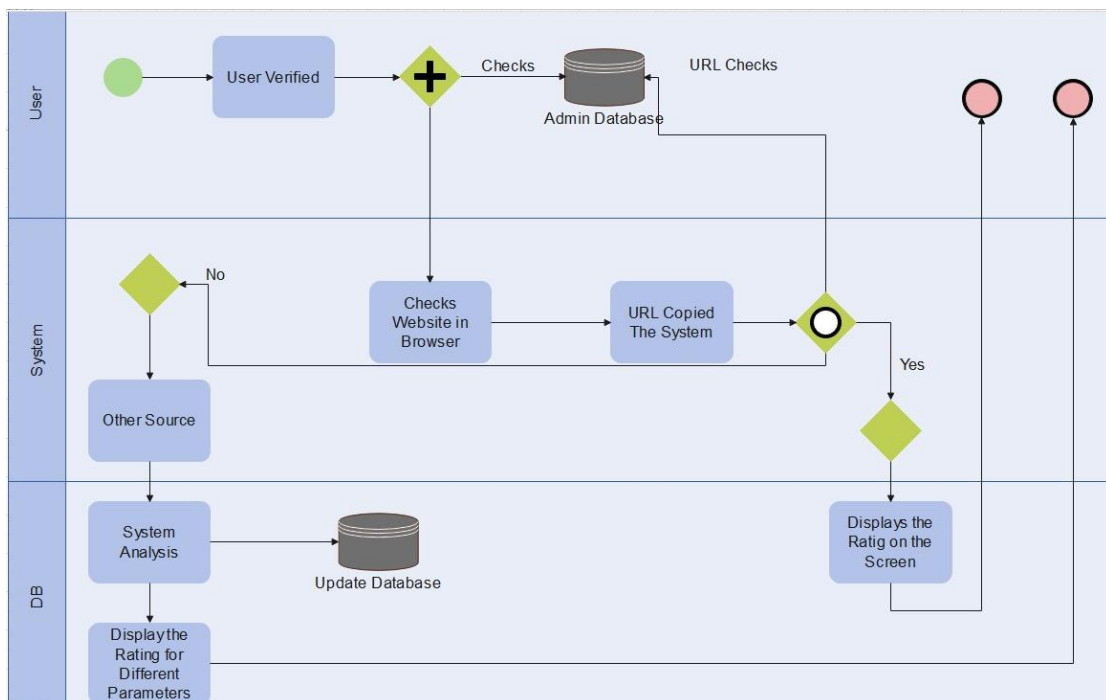


Figure 9 BPMN Diagram

Data Flow Diagrams

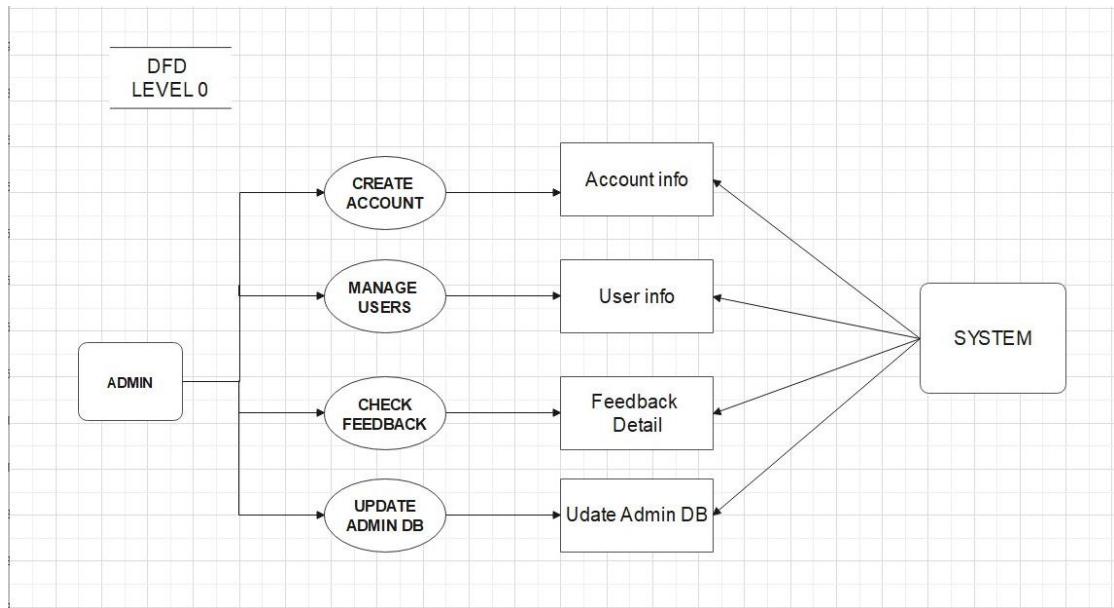


Figure 10 DFD LEVEL 0

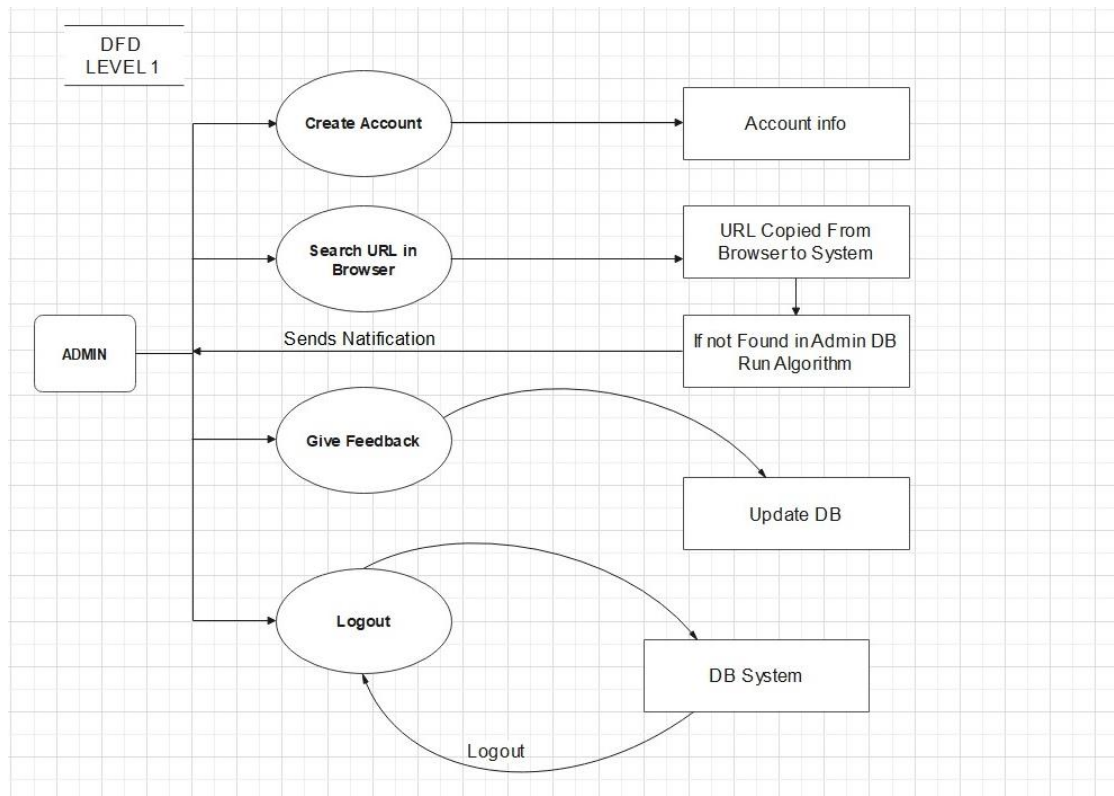


Figure 11 DFD LEVEL 1

ER Diagram

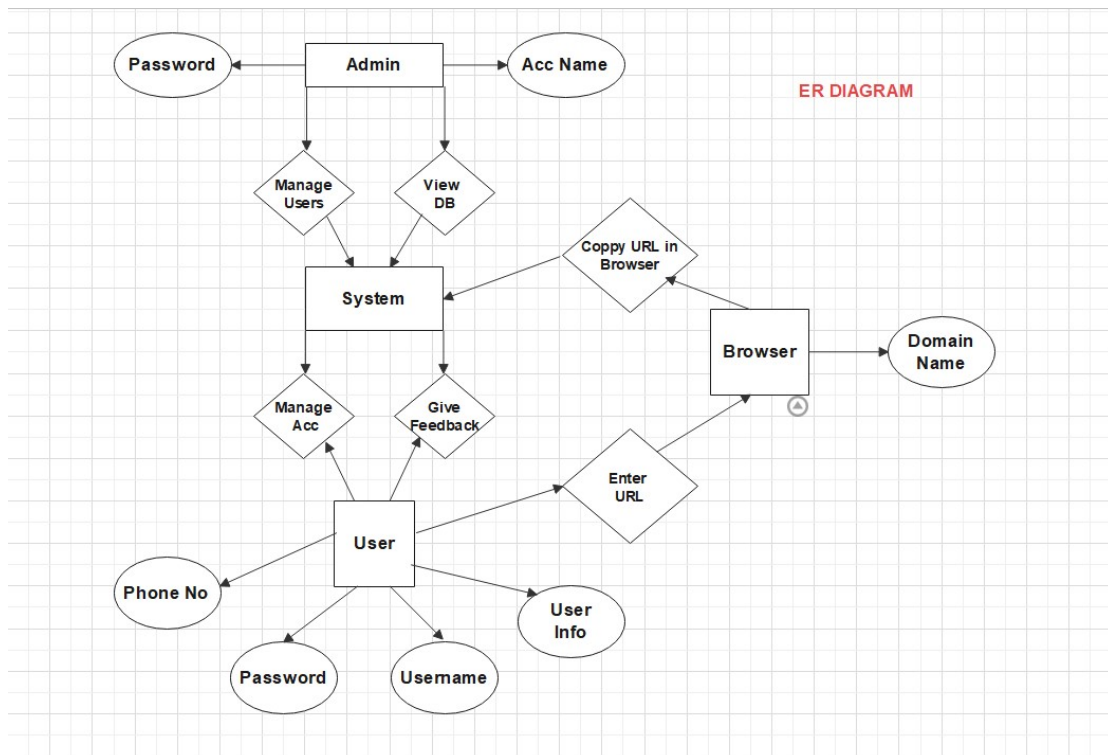


Figure 12 ER Diagram

Activity Diagram:

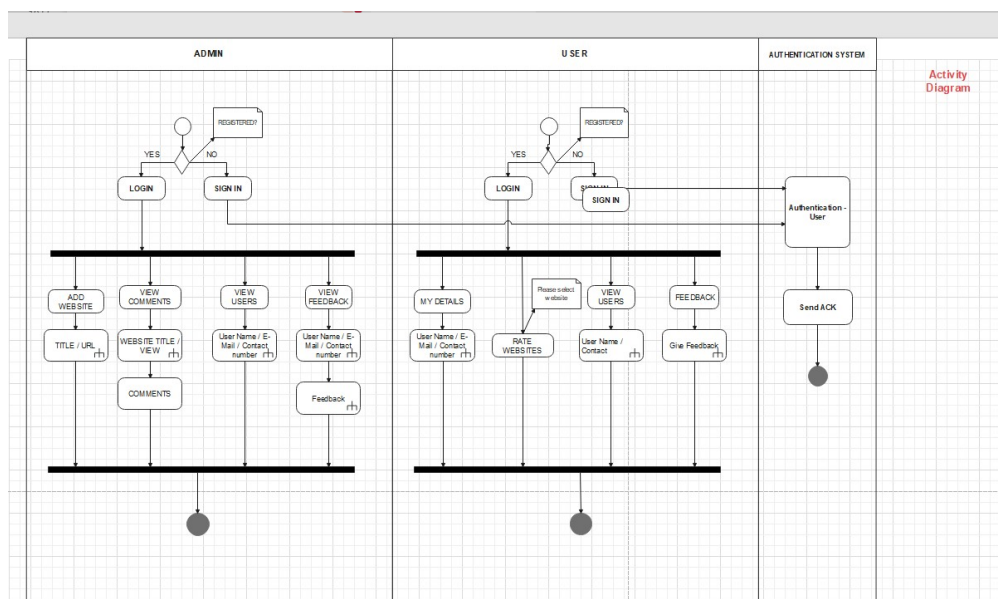


Figure 13 Activity Diagram

5. USER GUIDE OF THE SYSTEM

Home Screen:



Figure 14 Home screen

Login Screen:

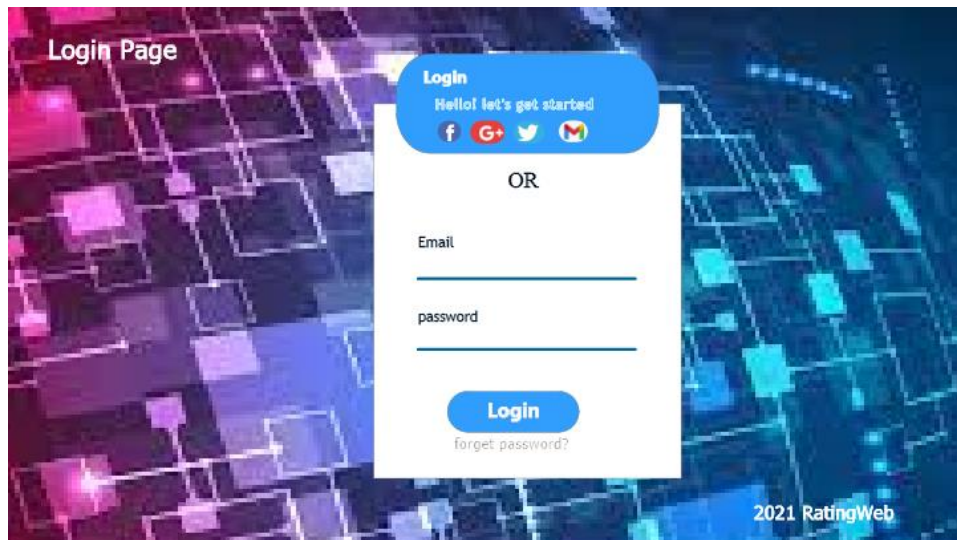


Figure 15 Login Screen

Admin screen:

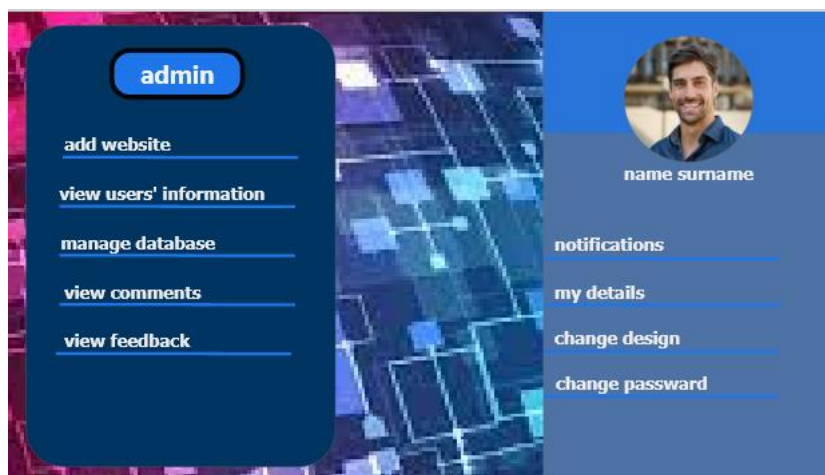


Figure 16 Admin Screen

User's screen:

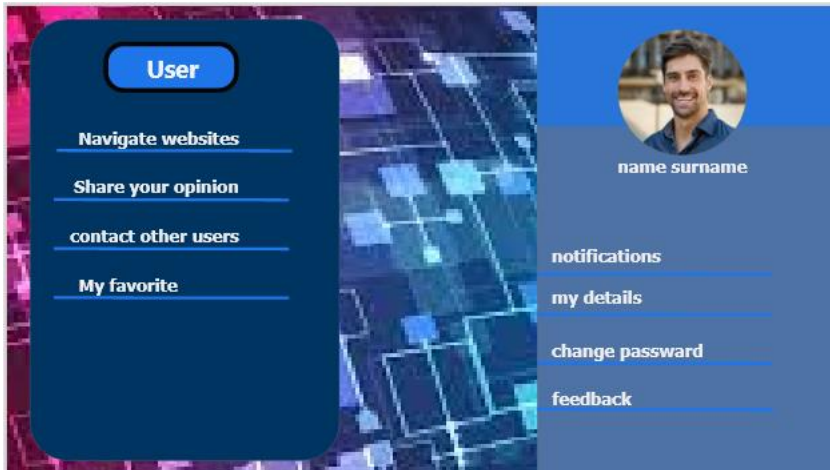


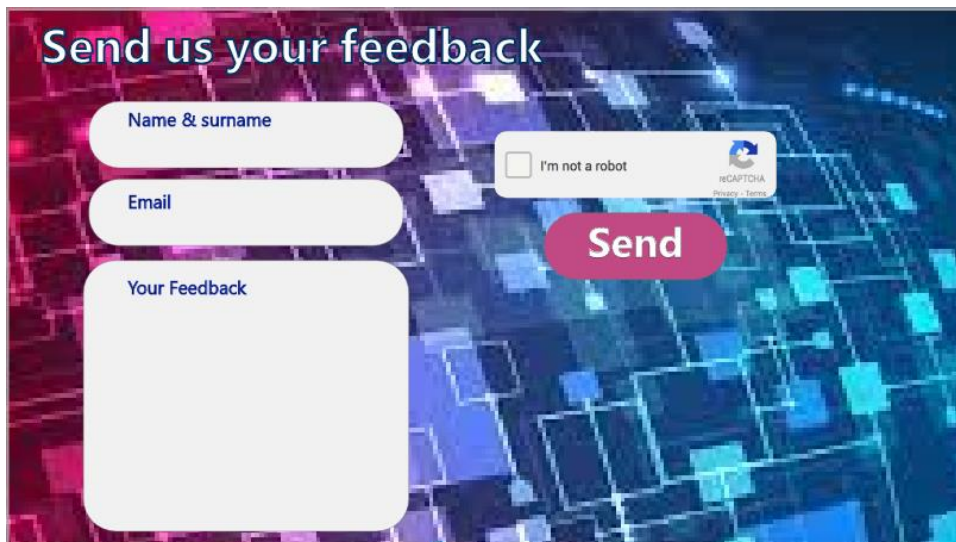
Figure 17 User's Screen

Get instant help:

The image shows a help screen with a dark blue grid background. At the top, the text 'How can we help you?' is displayed. Below it, there are three input fields: 'Name & surname', 'Email', and 'Your Question'. To the right of the 'Email' field is a reCAPTCHA widget with the text 'I'm not a robot'. A large red 'Send' button is positioned to the right of the 'Your Question' field.

Figure 18 Help Screen

Send your feedback:

A feedback form titled "Send us your feedback" set against a dark blue background with glowing digital circuit patterns. The form includes three input fields: "Name & surname", "Email", and a large "Your Feedback" text area. To the right of the email field is a reCAPTCHA widget with the text "I'm not a robot". A prominent red "Send" button is positioned to the right of the feedback text area.

Send us your feedback

Name & surname

Email

Your Feedback

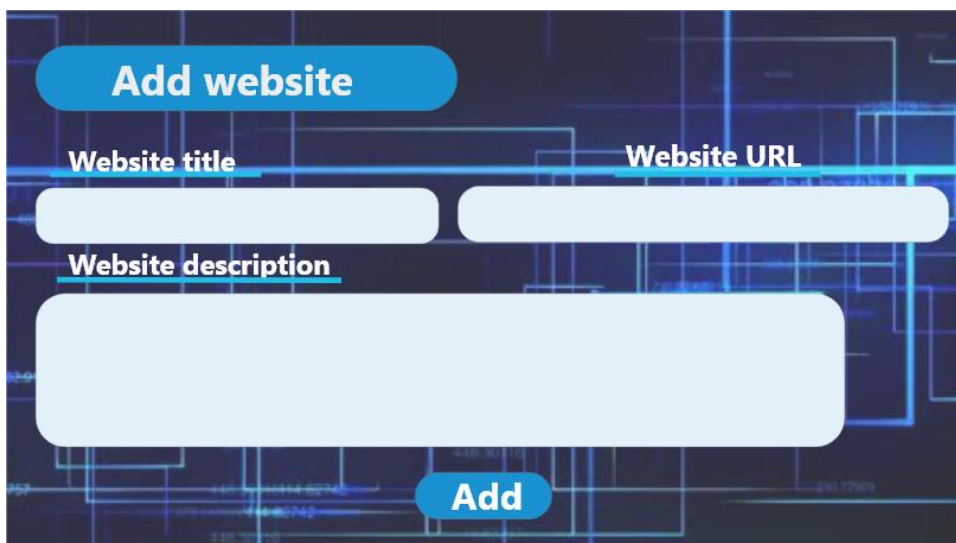
I'm not a robot

Send

Figure 19 Send Feedback Screen

Add website feature for admin:

The admin shall add title and URL of the needed website and description.

An "Add website" form with a dark blue background and glowing digital circuit patterns. The form has a title "Add website" in a blue rounded rectangle. Below it are three input fields: "Website title", "Website URL", and "Website description". The "Website description" field is a large text area. A blue "Add" button is located at the bottom center of the form.

Add website

Website title

Website URL

Website description

Add

Figure 20 Add website Screen

View feedback for admin:

The admin can view the users' information and feedback, thus reply in case they want to.

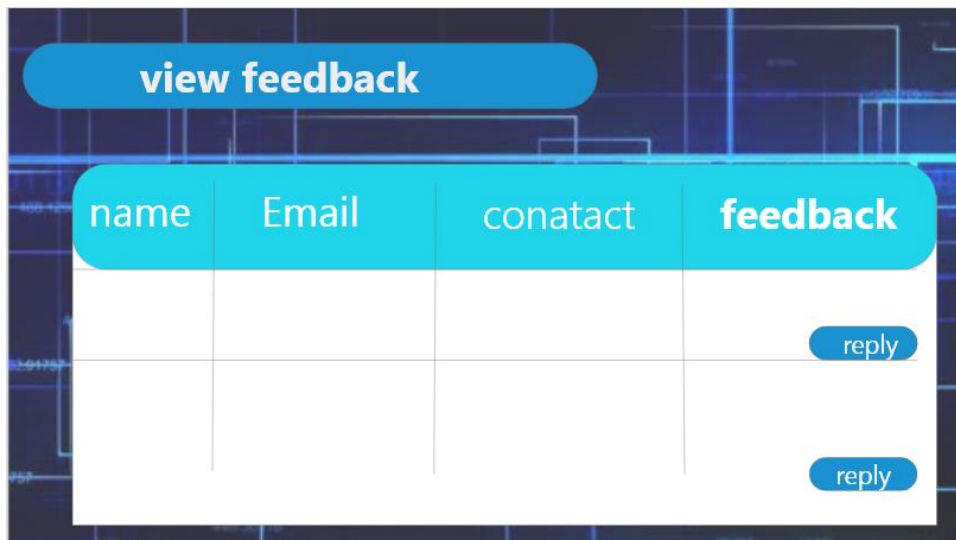


Figure 21 View feedback Screen

Change password window for both admin and user:

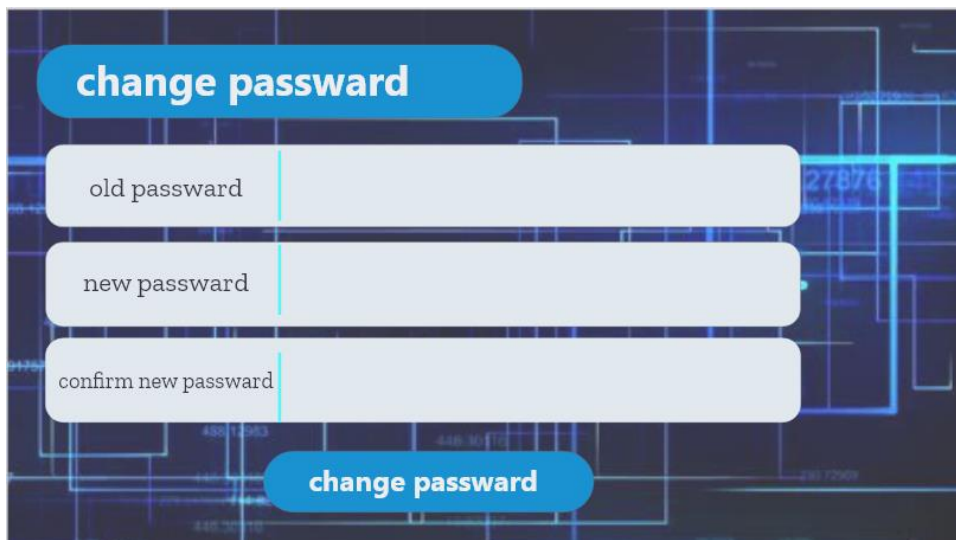




Figure 22 Change Password Screen

Comment on website:


Describe your experience using this website



<https://www.ebay.com>


Ziraat Bankası

<https://www.ziraatbank.com.tr>



<https://www.westernunion.com>

Your comment

Send

Your comment

Send

Your comment

Send

Figure 23 Comment on website Screen

View user's information for admin:

view users' information					
no.	name/ surname	Email address	contact info	joined date	activity
1					
2					
3					
4					

Figure 24 View user's information Screen

View comments for both admin and user:

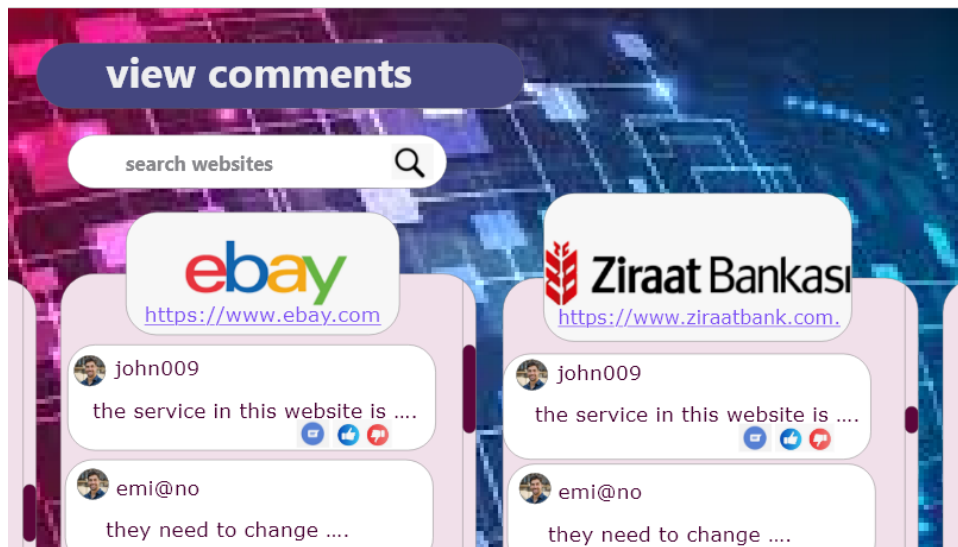


Figure 25 View comments Screen

6. DISCUSSION

The RatingWeb can be of great relief to all the people. RatingWeb is a not-for-profit and an open for new suggest project which has a good probability for increasing the trust of people to websites by taking feedback from them. Here we propose an advanced Website Evaluation system that rates the website based on the opinion of the user. Website will be evaluated based on factors such genuineness of the website, timely delivery of the product after online transaction and support provided by the website. User will comment about the website, based on the comment system will rate the website and users can see other people 's comments, ideas and complaints so that, the user who wants see other people opinion it's really get beneficial. Therefore, by rate of websites, will be clear point to show user how much people like it. The system takes opinion of various users, based on the opinion; system will decide whether the website is genuine or not. The system uses opinion mining methodology in order to achieve desired functionality. We use a database of sentiment based keywords along with positivity or negativity weight in database and then based on these sentiment keywords mined in user comment is ranked. The system contains keywords related to fraud, genuineness, timely delivery of the product and service meters in the database. Based on these factors system will rate the website.

And the RatingWeb designed according to people ideas. RatingWeb is a project that open to new ideas and basically developing it-self regularly. We mean that with people's feedback we going to uptade ourwebsite. Such as; Adding new Website, Adding new features (Save a website for look again), etc.

7. CONCLUSION

This project creating for the important goal that's want to share a safe and trustable web sites for everybody. Every user who needs comment and share opinions with other people; want to trustable and useful data coming from real users.

By RatingWeb project, user can easily find out which website will deliver the product in time. And also helps to find out website which will provide good support. This application helps to find out whether the website is genuine or not that is useful for those users who do online transactions.

It is a great application considering it has been developed in only 3 months which is a relatively short time. The RatingWeb has the potential to grow further and further as new features gets added in the future and I predict a bright successful future for the application.

8. REFERENCES

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