

**School of Computers and Information Engineering**

**STUDENT LEARNING ACTIVITY**

Spring Semester 2021

**Internet Programming (SOC 2030)**

# **Personal Blog**

**W3 team**

## **Group Members and IDs**

U1910297, Abdullaev Bakhodir (Section 007)

U1910299, Normurodov Jasurbek (Section 007)

U1910106, Uralov Shakhzod (Section 003)

U1910112, Sulaymonov Mukhammadaminkhon (Section 003)

U1910130 Ulugbek Erkinov (Section 003)

U1910121 Adkhamjon Rakhimov (Section 003)

## **Project GitHub URL:**

<https://github.com/iuthub/group-project-w3>

## **Project URL on Web:**

<http://blogproject.sbuy.uz/>

## Executive Summary

In this modernized world, people are trying to discover more, acquire more. So, they try get knowledge from anywhere possible. One of the most fascinating way of learning new stuff is blog posting. Individuals are creating their blogs, where they daily share articles, scientific articles, or their own investigations about particular topic with other like-minded people in communities. And this gives win-win situation for both sides, for writer it is a motivation to do his/her best, and for the reader it is a knowledge about a specific topic. Currently the process of news web pages, blog posts are gaining the key of the success of our marketing efforts.

It is a fact that best blogs catch the eyes of our readers, and audience. For this, the authors need to make their product as beautiful as possible, by making a user-friendly web page, along with easy steps, understanding functionalities and usages. It is interesting to note that, people are highly keen on reading about Computer science, exact science, tourism, natural science, medical posts, history, technical science and many others. **With team**, we did our best in expressing everything mentioned above as a blog website. In this report, we will guide you both technically and theoretically how to make a good blog website using HTML, CSS, Bootstrap, JavaScript, PHP, Laravel, MySQL database, GitHub, and others, as well as, we guide you through our demo website.

## **Introduction**

In the very first place before starting building a blog website, we need to have a clear pre-frame work what to do and what to include in our page or take a look over our daily articles. Simply saying, our web site, posts, view, pictures of posts and even title of posts must be eye-catching for the reader. And, question appears, How, can we do that? As an example we could say, we can make our website in chronological order, along with adding easy functionalities, for example for searching needed topics so that readers can save their time and find needed stuff. Unlike daily paper based newspapers, in news blogs, users can search what they are curious or time related information like latest blogs, or new ones about any topic or they can search with respect to the titles of topics.

Further, and even more importantly though, articles, posts, investigations must be reliable, or say, trustworthy, the author must not lie, or give information in a false way. This may even lead to a particular crime in law. Plus, he/she may teach the reader a wrong knowledge.

It is also worth mentioning that, with the help of blogging, people are creating life communities in their connected fields. As an example we can say, IT people are widening their communities by teaching/learning more. One particular salient example is, Software Engineer Jakhongir Rakhmonov at Delivery Hero, Germany has a blog about his experience, advice, interests in IT, where he gathered his students team. Now, he is teaching students programming and giving advice on how to start a career as a software engineer. And this shows, how Blogging is valuable in modern societies.

## Principal Part

Having made structure clear, we started making website technically.

Developing a blog website can be created using modern web technologies. Blog websites can be programmed using HTML5, CSS3, Bootstrap, Laravel, JavaScript, JQuery, MySQL, and many more. However, interesting fact is that blog websites could be created without using any of above web applications and how to code. With the help of building sites such as WordPress, Movable, today it is possible to make websites easily. Depending upon the demands or requirements of users, what the blog web page looks like or how it wants the news page to be, there are diverse ways to create and design websites. News websites are developed as both a dynamic and static depending on the way it is coded or how it is functioned.

**Dynamic websites** – support users with the interaction of contents and give them some form of feedback. The reason why they are called dynamic web page is related to with how they are developed and maintained. In dynamic sites, one or more database in the place of the Web contains styling files, all of the content and other related files, besides such files are administrated by an application called a Content Management System. These condense are done on the website using different templates done in a dynamic mark-up language such as JAVA, PHP, Python, and some other dynamic mark-up languages. Alike HTML, these types of mark-up languages common, but they are more complicated them HTML and have more features to do. Making dynamic pages provide all application with some intelligence from all sides to make all features become full.

**Static websites** – are the ones whose pages are stored on the server side in the format which is sent to a client web browser. They are made using Hypertext mark-up language (HTML), and does not use any dynamic (server side) language such as PHP, JAVA, Python and others while building applications.

In our project, uses both static and dynamic languages to make a website. In the static website, users can see the same page normally, on the other hand, in the dynamic one, user publish blogs.

**Contribution of each member to the project:** Distribution of the work for the project in our team as follows:

- Abdullaev Bakhodir (ID: u1910297, sec: 006) Project Manager, collaborated with Jasurbek Normurodov to structure architecture of the project, divided tasks for the team for the whole project action along with monitoring them. And more parts of the project layout.
- Jasurbek Normurodov (ID: u1910299, sec:006) Connected Frontend with Backend API, all JavaScript stuff.
- Mukhammadaminkhon Sulaymonov (ID: u1910112, sec: 003) project report is written by him, layout of the project (about page)
- Adkhamjon Rakhimov (ID: u1910121 sec: 003) Admin page was drawn and it's Fronted part.
- Shakhzod Uralov (ID: u1910106 sec: 003) Structures of Database and Backend part
- Ulugbek Erkinov (ID: u1910130 sec: 003) Backend, connected Admin frontend with Backend API.

Logins and passwords for different users of your web site such as customer, admin, etc.:

Email: [demo@demo.com](mailto:demo@demo.com)

password: 1234567

Guidance for the user to use the blog site along with screenshots



The very first thing that you see in our “home” of our site is this thing. Saying, “Title of the site” and below it is text that explains briefly about it. We did our best in building a user-friendly website, but in some places we may have skipped specification part. And of course, it can be added anywhere and anytime. What is important is the whole website that we tried to demonstrate.



**Future is here**

0

Sarah Baird



**Paths to food traceability:**  
**The biggest challenges for**  
**brands**

0

Orange Silicon Valley

And, if we scroll down, we may see photos, photos and under it is titles, Titles are also important factors when it comes blogging, if they can catch the attention of the reader, he/she will read it for sure. And with team, we added a “view” function, that will allow us to see how many people read it before us.



**5 Structured Thinking**  
**Techniques for Data Science**  
**Problem-Solving**

0

Sara A. Metwalli



**The Cryptocurrency Selloff**  
**Explained**

2

Stephen Foerster



**The Evolution of Life on**  
**Earth**




**DNA Testing Dispels a**  
**Genealogical Myth**

Continuing scrolling down, we are able to see many more posts recommended us to go through and enjoy ourselves. Here we have, thinking techniques, cryptocurrency, DNA testing and any other topics.


It is interesting to note that, “View” function shows, 0 people read this, because our blog site is very new, visit and enjoy reading our posts. Last but not least, we added a “**hover**” function, when you hover on a particular post, it appears in a bigger style.

## Popular Posts



**The Cryptocurrency Selloff Explained**

2      Stephen Foerster



**DNA Testing Dispels a Genealogical Myth**

1      Megan Smolenyak

Below, in the home page, we added a section “**Popular Posts**”. From its name we could understand that, it suggests us to read recent popular posts. Let’s say, the articles which are read more by the users or were liked. It is worth mentioning that, this suggests us looking at particular category. Also, in the opposite “viewed” function we added the author of the articles. So, we can even add who wrote the article. And it lets, users to know in the very short time, by whom the post is written, it is not necessarily for the users to press for the post for only to know who wrote the one.





**Watch this beautiful, high-resolution simulation of how stars are born**

0

Adkhamjon Rakhimov



**Our Tools – 2019 Edition**

0

Ben Rometch



More recommended articles for our subscribers 😊

Navigation	Categories	Social Media
<a href="#">Home</a>	<a href="#">Agriculture</a>	<a href="#">Telegram</a>
<a href="#">About Us</a>	<a href="#">Science</a>	<a href="#">Instagram</a>
<a href="#">FAQs</a>	<a href="#">Computer Science</a>	<a href="#">Facebook</a>
<a href="#">Terms And Conditions</a>	<a href="#">Technology</a>	<a href="#">Gmail</a>
		<a href="#">Twitter</a>

What is more, we have a **footer**, in the very below of the site, user can see footer, that tells on what categories we have articles. On the right side, we have given our social media accounts, so that they can follow us not only on blog posts, but also on telegram, Instagram, Facebook, twitter etc.

On the left side, we have categories, Home, About us, FAQs, Terms and Conditions, Agriculture, Science, Computer Science, Technology.

Below, in report we will go briefly for all of the categories individually.

## Our team



**Mukhammaddinxon  
Sulaymonov**

Frontend developer



**Bahodir Abdullaev**

Project Manager



**Jasurbek Normuroddov**

Frontend Developer



**Adham Rakhimov**

Backend Developer



**Shahzod Uralov**

Backend Developer



**Ulugbek Erkinov**

Backend Developer

On the About page, we have included our team members, who contributed for the development of the project. All the responsibilities of students were mentioned above.

# Frequently Asked Questions

Q

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Q

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On the “FAQs” Frequently Asked Questions section, we have questions that are asked most by the users. It is organized as question-> answer, question-> answer. And, we would suggest for the new user to go through this part, before deep diving to the blog.

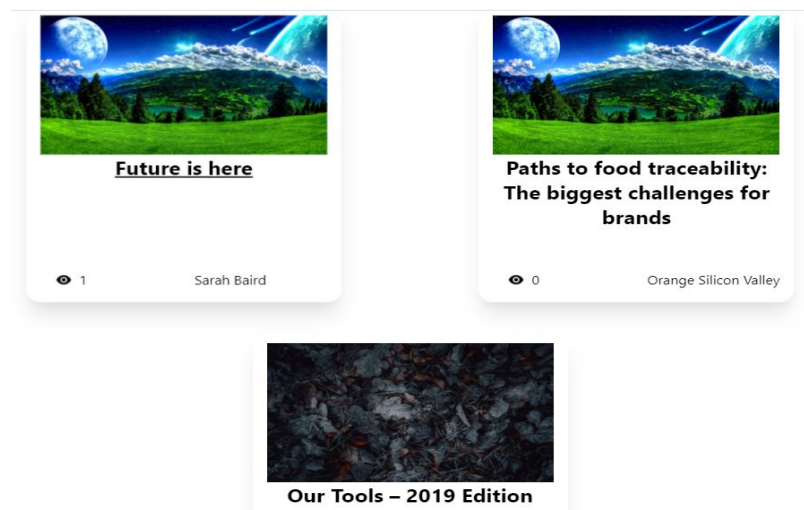
# Terms and Conditions

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Recusandae, rem illo expedita cumque, inventore illum eius nemo minus velit harum eaque animi id necessitatibus, consequatur pariatur impedit a temporibus commodi fugiat nesciunt molestiae iure incidunt dolorem? Maiores, magni nihil exercitationem officia adipisci atque quos est commodi, consectetur iste repudiandae sapiente unde, explicabo dolor dolorum maxime. Accusantium pariatur sequi velit cupiditate modi cum assumenda, a repellat similique ea consequatur numquam repudiandae nemo eaque tempora! Iusto praesentium sed placeat quam aliquam minima repellendus, expedita repudiandae ad incidunt vero alias quidem aut dignissimos a illum impedit iure doloremque voluptas rerum accusamus consequatur. Nostrum sapiente enim pariatur aut cumque consequuntur delectus expedita eligendi dignissimos, voluptatem quaerat nihil unde dolorum ipsum maiores, culpa fugiat obcaecati facere eveniet quos repellat! Quisquam minus exercitationem minima officia doloremque error! Inventore error vitae reprehenderit quod alias totam ex, aut, eos iure voluptas ea suscipit placeat in similique eaque eveniet dolores quasi a. Velit ratione reprehenderit tempora consequatur nobis error! Accusantium eaque possimus minus assumenda ipsa ab reprehenderit consectetur error. Eius magni vel, delectus odit in nemo, ad officiis tempora sit ex quis molestias expedita nihil at asperiores ab ipsam? Id, provident eveniet ea perferendis soluta nisi nobis? Quaerat quod dolorum sapiente alias. Doloribus totam blanditiis aperiam, error distinctio fugit assumenda quidem enim iure suscipit doloremque cumque facilis tempore reprehenderit quis ipsa accusamus officiis natus amet ipsam obcaecati eos repellat dolore minus? Vitae, ea. Incidunt possimus, laborum non magni temporibus odio molestias

As every web sites have their own rules, we also decide to include our terms and conditions, it includes what is allowed and what is prohibited from user side.

## Screenshots by categories

### Agriculture




In this category, you are welcome to read articles related to agriculture, they are reliable, interesting along with nice photos.

## Popular Posts



**The Cryptocurrency Selloff Explained**

2 Stephen Foerster




**Future is here**

1 Sarah Baird

Popular posts give us the chance to read, popular stuff exactly in “agriculture” sphere.

## Computer Science



**Using feature flags and remote config in CI**

0 Ben Rometch



**A sensible approach to Cross platform development with React and React Native**

0 Ben Rometch

Simply, in Computer science part we include articles related to this path. Here, you can see posts about Using feature flags and remote configuration in CI, an approach to Cross platform development with React and React Native.

## **Summary**

In this group project, we all of us gave our effort by being together, and worked by cooperating. No matter what we could not meet in person due to pandemic situation, we organized zoom sessions for the progress of our project. And this was a huge experience for each and every of us. Everyone in this team, tried to do something and contribute to this project by what they know and what they have learned in this Internet Programming course. We have learned many things from this course and how to implement them in a real life. For this, we express huge gratitude to our instructor **Dr. Sarvar Abdullaev**.

## Appendix

- HTML – is a standard mark-up language for documents, files, images, and others designed to be displayed in a web browser as known as Hypertext Markup Language (HTML).
- CSS – is a type of style sheet language done to represent written documents in a mark-up language such as HTML, known as Cascading Style Sheets (CSS).
- Bootstrap – most popular HTML, CSS, and JS front-end library for responsive, mobile-first projects.
- JavaScript – is a lightweight, interpreted, just-in-time compiled language used in programming with first-class functions.
- JQuery – is JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animations and Ajax. The Write Less, Do More JavaScript library.
- Webpack – is an open-source JavaScript module bundler. Its main purpose is to bundle JavaScript files for usage in a browser.
- PHP – is one of the famous general-purpose scripting language done for web development.
- Laravel – is a free, open-source PHP framework with expressive, elegant syntax. It follows MVC architectural pattern and based on Symfony.
- MySQL – is a relational database management system (RDBMS) which is an open source for all
- FTP server – is a program that serves files using FTP protocol and is built on a client-server side using separate control and data connections between the client and the server.
- GitHub – is a global company done in USA that supplies hosting for software development using Git.