Міністерство освіти і науки України

Національний технічний університет України «Київський політехнічний інститут імені Ігоря Сікорського»

Факультет інформатики та обчислювальної техніки

Кафедра інформатики та програмної інженерії

Звіт

з лабораторної роботи №3 з дисципліни
«Програмування веб-застосунків»

«Розробка поштової та мобільної версії веб-сторінки»

Варіант 4

Виконав   студент   ІП-13 Вдовиченко Станіслав Юрійович

(шифр, прізвище, ім'я, по батькові)

Перевірив   Ковтунець Олесь Володимирович
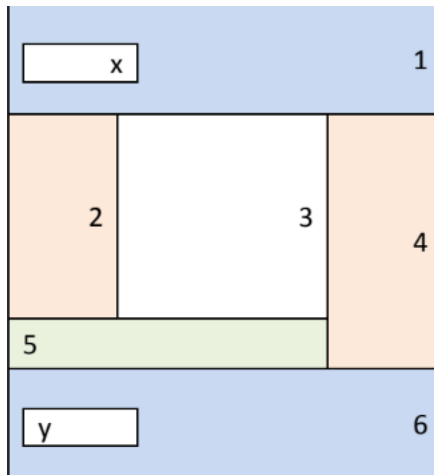
(прізвище, ім'я, по батькові)

Київ 2022

Лабораторна робота 3
Розробка поштової та мобільної версії веб-сторінки

Мета заняття: Освоєння верстки поштової та мобільної версії веб-сторінки, виявлення особливостей функціонування веб-сторінок для мобільних пристроїв та поштових програм.
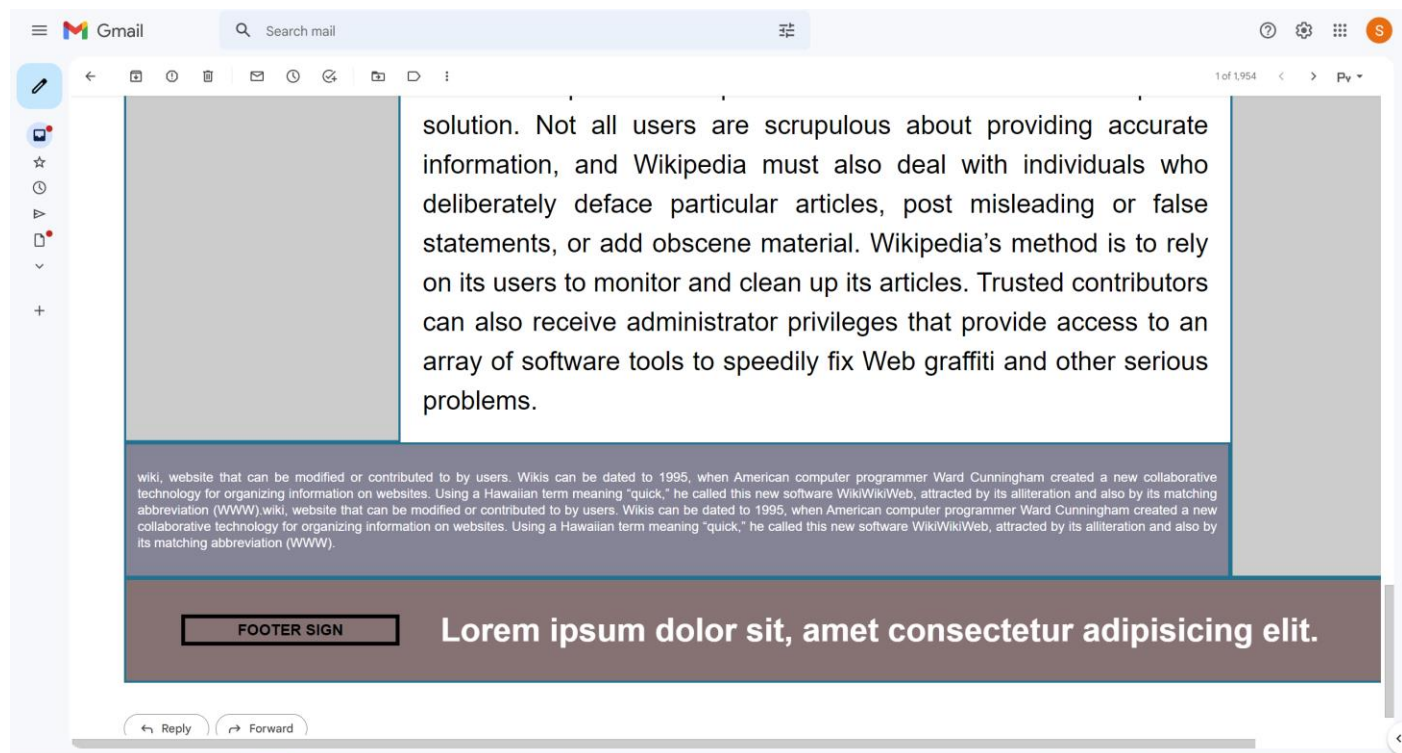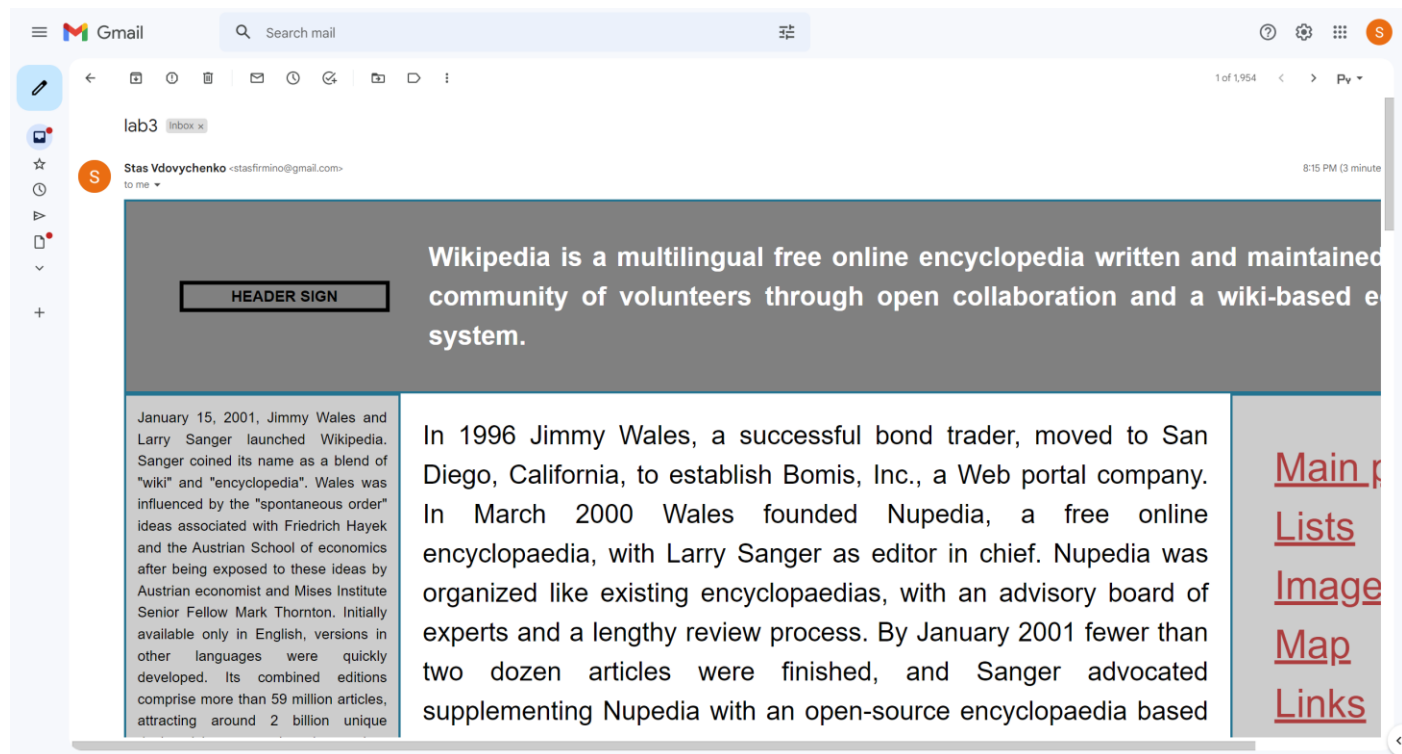
Завдання:

1. У вас вже є обраний із 16 варіантів власний варіант виконання роботи відповідно до вашого порядкового номера у списку групи, подальші маніпуляції виконуйте, враховуючи підготовлену головну сторінку веб-сайта з л. р. №2.

2. Доступними вам засобами зверстайте новий екземпляр головної веб-сторінки веб-сайта згідно з вашим варіантом для поштової розсилки цієї веб-сторінки, зберігаючи контент веб-сторінки, з урахуванням позиціювання та візуалізації окремих елементів веб-сторінки.

3. Надішліть зверстану веб-сторінку електронною поштою, і переконайтесь в її коректному відображенні поштовою програмою. Вкажіть переваги та недоліки видів верстки для розробки поштової версії веб-сторінки.

4. Доступними вам засобами зверстайте новий екземпляр головної веб-сторінки веб-сайта згідно з вашим варіантом для комфортного використання веб-сторінки на смартфоні, зберігаючи контент веб- сторінки, при потребі на власний розсуд змінюючи позиціювання та візуалізацію окремих елементів веб-сторінки. Аргументуйте зміни.

5. Інтегруйте розроблену мобільну верстку головної веб-сторінки до верстки головної веб-сторінки із л.р. No2. Опублікуйте результат на GitHub Pages (або обраному вами хостінгу).

6. Продемонструйте коректне функціонування головної веб-сторінки в інтернеті на екрані ноутбука та на екрані смартфона.

Скріншоти виконаної роботи:

Головна веб-сторінка з поштового інтерфейсу:

lab3 Inbox

Stas Vdovychenko 20:15
to me

Wikipedia is a multilingual free online encyclopedia written and maintained by a community of volunteers through open collaboration and a wiki-based editing system.

January 15, 2001, Jimmy Wales and Larry Sanger launched Wikipedia. Sanger coined its name as a blend of "wiki" and "encyclopedia". Wales was influenced by the "spontaneous order" ideas associated with Friedrich Hayek and the Austrian School of economics after being exposed to these ideas by Austrian economist and Mises Institute Senior Fellow Mark Thornton. Initially available only in English, versions in other languages were quickly developed. Its combined editions comprise more than 59 million articles, attracting around 2 billion unique device visits per month and more than 17 million edits per month (1.9 edits per second) as of November 2020. In 2006, Time magazine stated that the policy of allowing anyone to edit had made Wikipedia the "biggest (and perhaps best) encyclopedia in the world".

In 1996 Jimmy Wales, a successful bond trader, moved to San Diego, California, to establish Bomis, Inc., a Web portal company. In March 2000 Wales founded Nupedia, a free online encyclopaedia, with Larry Sanger as editor in chief. Nupedia was organized like existing encyclopaedias, with an advisory board of experts and a lengthy review process. By January 2001 fewer than two dozen articles were finished, and Sanger advocated supplementing Nupedia with an open-source encyclopaedia based on wiki software. On January 15, 2001, Wikipedia was launched as a feature of Nupedia.com, but, following objections from the advisory board, it was relaunched as an independent Web site a few days later. In its first year Wikipedia expanded to some 20,000 articles in 18 languages, including French, German, Polish, Dutch, Hebrew, Chinese, and Esperanto. In 2003 Nupedia was terminated and its articles moved into Wikipedia. By 2006 the English-language version of Wikipedia had more than one million articles, and by the time of its 10th anniversary in 2011 it had surpassed 3.5 million. However, while the encyclopaedia continued to expand at a rate of millions of words per month, the number of new articles created each year gradually decreased, from a peak of 665,000 in 2007 to 374,000 in 2010. In response to this slowdown, the Wikimedia Foundation began to focus its expansion efforts on the non-English versions of Wikipedia, which by 2011 numbered more than 250. With some versions having already amassed hundreds of thousands of articles—the French and German versions both boasted more than one million—particular attention was paid to languages of the developing world, such as Swahili and Tamil, in an attempt to reach populations otherwise underserved by the Internet. One impediment to Wikipedia's ability to reach a truly global audience, however, was the Chinese government's periodic restrictions of access to some or all of the site's content within China. Principles and procedures In some respects Wikipedia's open-source production model is the epitome of the so-called Web 2.0, an egalitarian environment where the web of social software enmeshes users in both their real and virtual-reality workplaces. The Wikipedia community is based on a limited number of standard principles. One important principle is neutrality. Another is the faith that contributors are participating in a sincere and deliberate fashion. Readers can correct what they perceive to be errors, and disputes over facts and over possible bias are conducted through contributor discussions. Three other guiding principles are to keep within the defined parameters of an encyclopaedia, to respect copyright laws, and to consider any other rules to be flexible. The last principle reinforces the project's belief that the open-source process will make Wikipedia into the best product available, given its community of users. At the very least, one by-product of the process is that the encyclopaedia contains a number of publicly accessible pages that are not necessarily classifiable as articles. These include stubs (very short articles intended to be expanded) and talk pages (which contain discussions between contributors). The central policy of inviting readers to serve as authors or editors creates the potential for problems as well as their at least partial solution. Not all users are scrupulous about providing accurate

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Головна веб-сторінка з мобільного телефону:

HEADER SIGN

Wikipedia is a multilingual free online encyclopedia written and maintained by a community of volunteers through open collaboration and a wiki-based editing system.

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wiki, website that can be modified or contributed to by users. Wikis can be dated to 1995, when American computer programmer Ward Cunningham created a new collaborative technology for organizing information on websites. Using a Hawaiian term meaning "quick," he called this new software WikiWikiWeb, attracted by its alliteration and also by its matching abbreviation (WWW).wiki, website that can be modified or contributed to by users. Wikis can be dated to 1995, when American computer programmer Ward Cunningham created a new collaborative technology for organizing

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Головна веб-сторінка з комп'ютера:

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FOOTER SIGN

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Висновок:

В ході даної лабораторної роботи я освоїв верстку поштової та мобільної версії веб-сторінки та виявив особливості функціонування веб-сторінок для мобільних пристроїв та поштових програм.