

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Домашняя работа 4 на тему: «вынести все используемые
ранее SVG-иконки в общий SVG-спрайт.»

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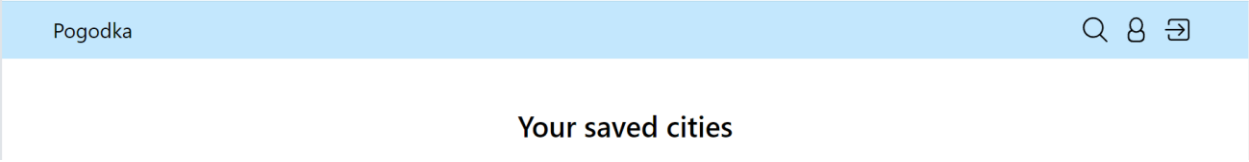
Санкт-Петербург, 2022 г.

Цель работы: вынести все используемые ранее SVG-иконки в общий SVG-спрайт.

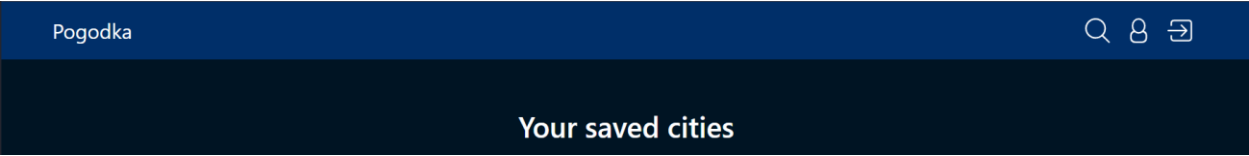
Ход работы:

Добавление svg спрайта на страницу:

Светлая тема



Темная тема



```
15 <body>
16 <!--SVG sprite-->
17 <svg display="none">
18   <symbol id="search" viewBox="0 0 612.01 612.01">
19     <g>
20       <path d="M606.209,578.714L448.198,423.228C489.576,378.272,515,318.817,515,253.393C514.98,113.439,399.704,0,257.493,0
21       C115.282,0,0.006,113.439,0.006,253.393s115.276,253.393,257.487,253.393c61.445,0,117.801-21.253,162.068-56.586
22       1158.624,156.099c7.729,7.614,20.277,7.614,28.006,0C613.938,598.686,613.938,586.328,606.209,578.714z M257.493,467.8
23       c-120.326,0-217.869-95.993-217.869-214.407S137.167,38.986,257.493,38.986c120.327,0,217.869,95.993,217.869,214.407
24       S377.82,467.8,257.493,467.8z"/>
25     </g>
26   </symbol>
27   <symbol id="account" viewBox="0 0 792 792">
28     <g>
29       <path d="M568.037,404.712c31.68-42.743,50.713-97.515,50.713-157.212C618.75,110.806,519.032,0,396,0
30       S173.25,110.806,173.25,247.5c0,59.697,19.033,114.469,50.713,157.212C165.8,424.834,123.75,479.481,123.75,544.5v99
31       c0,82.021,66.479,148.5,148.5,148.5h247.5c82.021,0,148.5-66.479,148.5-148.5v-99C668.25,479.481,626.2,424.834,568.037,404
32       M222.75,247.5c0-109.346,77.566-198,173.25-198s173.25,88.654,173.25,198s-77.566,198-173.25,198S222.75,356.846,222.75,24
33       M618.75,631.125c0,61.504-54.4,111.375-121.498,111.375H294.748c-67.097,0-121.498-49.871-121.498-111.375v-74.25
34       c0-52.618,39.922-96.451,93.456-108.108C303.188,477.774,347.737,495,396,495s92.812-17.226,129.294-46.233
35       c53.534,11.657,93.456,55.49,93.456,108.108V631.125z"/>
36     </g>
37   </symbol>
38   <symbol id="signup" viewBox="0 0 612 612">
39     <g>
40       <path d="M331.685,425.378c-7.478,7.479-7.478,19.584,0,27.043c7.479,7.478,19.584,7.478,27.043,0L131.943-131.962
41       c3.979-3.979,5.681-9.276,5.412-14.479c0.269-5.221-1.434-10.499-5.412-14.477L358.728,159.56
42       c-7.459-7.478-19.584-7.478-27.043,0c-7.478,7.478,19.584,0,27.042L100.272,100.272H19.125C8.568,286.875,0,295.443,0
43       c0,10.557,8.568,19.125,19.125,19.125h412.832L331.685,425.378z M535.5,38.25H153c-42.247,0-76.5,34.253-76.5,76.5v76.5h38.
44       v-76.5c0-21.114,17.117-38.25,38.25-38.25h382.5c21.133,0,38.25,17.136,38.25,38.25v382.5c0,21.114-17.117,38.25-38.25,38.2
45       c-21.133,0-38.25-17.117-38.25-38.25v-76.5H76.5c0,42.247,34.253,76.5,76.5,76.5h382.5c42.247,0,76.5-34.253,76.5-76.5
46       v-382.5C612,72.503,577.747,38.25,535.5,38.25z"/>
47     </g>
48   </symbol>
49 </svg>
```

Использование svg-спрайта в навигации

```

61         <div class="collapse navbar-collapse" id="navmenu">
62             <ul class="navbar-nav ms-auto">
63                 <li class="nav-item">
64                     <a href="search.html" class="nav-link">
65                         <svg class="fig">
66                             <use xlink:href="#search"></use>
67                         </svg>
68                     </a>
69                 </li>
70                 <li class="nav-item">
71                     <a href="account.html" class="nav-link">
72                         <svg class="fig">
73                             <use xlink:href="#account"></use>
74                         </svg>
75                     </a>
76                 </li>
77                 <li class="nav-item">
78                     <a href="signup.html" class="nav-link">
79                         <svg class="fig">
80                             <use xlink:href="#signup"></use>
81                         </svg>
82                     </a>
83                 </li>
84             </ul>
85         </div>
86

```

Стиль для класса иконок в style.css

```

32     .fig{
33         display: block;
34         fill: var(--text-color);
35         width: 1.5em;
36         height: 1.5em;
37     }

```