

# SMART PUBLIC RESTROOM

## **1. Define Project Requirements:**

Identify the target audience for your platform and mobile app.

Determine the key features and functionalities you want to include (e.g., real-time data, user authentication, ratings, reviews, location-based services, etc.).

Decide on the platforms you want to support (iOS, Android, web).

Establish a clear project scope, timeline, and budget.

## **2. Design the User Interface:**

Create wireframes and mockups for the web platform and mobile app.

Ensure a user-friendly design that focuses on ease of use and quick access to restroom information.

## **3. Choose Development Tools and Technologies:**

For the web platform, use HTML, CSS, and JavaScript for frontend development.

Consider using a front-end framework such as React, Angular, or Vue.js for a more structured development approach.

Select a backend technology (e.g., Node.js, Ruby on Rails, Python/Django, or PHP) to handle data storage and processing.

Set up a database system to store restroom information, availability, and cleanliness data.

#### **4. Develop the Backend:**

Create APIs for data retrieval and updates.

Implement user authentication and authorization for managing restroom data.

Develop algorithms and scripts for real-time data collection (e.g., IoT sensors, manual input).

#### **5. Implement the Frontend:**

Build the web platform using HTML, CSS, and JavaScript, and the chosen frontend framework.

Design a user-friendly interface for reporting restroom conditions and adding new restroom locations.

Integrate mapping services or APIs to display restroom locations on a map.

#### **6. Real-Time Data Integration:**

Set up a mechanism for collecting and updating real-time data on restroom availability and cleanliness.

Implement data validation and quality control.

#### **7. Mobile App Development:**

Develop mobile apps for iOS and Android using native languages (Swift for iOS, Kotlin for Android) or cross-platform frameworks like React Native or Flutter.

Ensure the app can access and display real-time restroom information and user-contributed data.

Implement push notifications to inform users about restroom status changes.

### **8. User Feedback and Reviews:**

Allow users to provide feedback on restroom conditions, cleanliness, and accessibility.

Implement a rating and review system to help others make informed decisions.

### **9. Testing and Quality Assurance:**

Perform thorough testing of the platform and mobile app, including functional, usability, and security testing.

Debug and resolve any issues or bugs.

### **10. Deployment:**

Deploy the web platform to a web hosting service or server.

Publish the mobile app on app stores (Apple App Store and Google Play Store).

Ensure data security and privacy compliance.

### **11. Maintenance and Updates:**

Regularly update the platform and mobile app to improve features, fix issues, and adapt to changes in restroom data sources.

### **12. Marketing and User Engagement:**

Promote your platform and app to reach a wider audience.

Engage with users through social media and feedback channels.

### **13. Data Security and Privacy:**

Ensure that user data is handled securely and in compliance with data protection regulations (e.g., GDPR, CCPA).

**14. Monetization Strategy (if applicable):**

Decide on a monetization strategy, such as ads, subscription models, or partnerships.

## PROGRAMME

```
<!DOCTYPE html>

<html>

<head>

  <title>Restroom Information</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      text-align: center;

      background-color: #f0f0f0;

      perspective: 1000px; /* Add 3D perspective to the body */

    }

    .container {

      margin: 100px auto;

      width: 300px;

      transform-style: preserve-3d;

      transform: rotateX(20deg); /* Apply a 3D rotation effect */
    }

  </style>

</head>

<body>

  <div class="container">

    <div class="restroom">

      <div class="door">

        <div class="door-handle">

          <div class="door-handle-button">

            <div class="door-handle-button-label">Restroom Information</div>

          </div>

          <div class="door-handle-button-label">Restroom Information</div>

        </div>

        <div class="door-handle-button-label">Restroom Information</div>

      </div>

    </div>

  </div>

</body>

</html>
```

```
}
```

```
.card {  
    width: 100%;  
    height: 200px;  
    padding: 20px;  
    background-color: #fff;  
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.3);  
    border-radius: 10px;  
    transform: translateZ(50px); /* Apply a 3D translation effect */  
    transition: transform 0.5s; /* Add a smooth transition effect */  
}
```

```
.card:hover {  
    transform: translateZ(100px) rotateX(10deg); /* Enhance the 3D effect  
on hover */  
}
```

```
h1 {  
    color: #333;  
}
```

```
p {  
    font-size: 18px;  
    margin: 10px;  
}
```

```
span {  
    font-weight: bold;
```

[illegible]

g75U/f7AB8BWFkX+u38Rq43AWX07jD1YdfvYkmvMVwgJbFxLhuS5U9q2wEDNvbJE+E0vJEPGykXJ3JNYg  
lvUfwqBrR8faa8FojYsKXlQ/Gy+LRG1bi0DuAfMU0BufXb11uty4Pp+1RU60Gh15MLa5oo8QPXXl3g9kj  
0T6mbn660w4vP6IU1NcuXrYHWW1jldf/ALUucLoemRUv8GtGD2x5EeHePCoF4Fa/tLg81BHuAo3h8TbKj  
PdVD3FbrR4Stsj31HiMXaWMrdZ9lXEf9xv91K4N0FSKVrhAVgesmCJ7BHnqG3iinyTDaMBDLGuY6wZ1Ew  
apniFs7q49X+9a/Kbfff7j+VPRAHdDAj2j9WfIVbw11Q4csAwGjTrrymlNL1v6wqZLifXUD7Q/OpWKN2jk  
/xUuG0Nd251mbNcUmIRj1EBjLLIEgHKNfAcjUuBRUGPluG4wUicygGJJ5Me0PKf0FPT6LT5H8qu8KYi4j  
L6WYeudI186rQktjfDjipJvf7j1fCqWCZFuHmAj15kDyj2Ut4i4UbD9Y0sYXl7RGWQFukCNQCCZnnA7qP  
W+JW+z1UiXKAADXBteWo8aBcYuq12wBmzC92tNJFu5mAmyYJ7ud0WJrdowfI6Tg/wDop8VX5x9I7R07tT  
pWVNx1YuN9o/GsrPg64PVGzptDuJ8JtXgTcSWCkBPiInug0QIb6je1P9VVOIY+3Zts13MgA+rm30UHSzz  
NXTTPjijmnwI69H7caq/7xYfG+lepwiwp1W367iD72NPwq5a4xgUAAu3THdZtL8LS1L/zThRs2KP2Qq/B1  
o0yO20VV4fhjysz9qyf11ypk4bb3VbX7otH7uDasbpdhvq4w/wDVcfC9Wh6W4f1Zvn7WIuf6zRpYakFBZ  
ixov9aNFV/qxoLeGVvYkftcqhGFY/RvezGfnbFDX6X2yuX5HmWZhr7HX1oarnpNa5cPw/rOb/IKNEhakG  
WwrjcN+8lz/wBmMHwqK5at/TS3+8uFH377GhQ6Vgejg8Kv/T//Act/+eLo9G3hl/cb/XT8cg1IIW0s/Ra  
yvkcePU22NWkcj0XB+zeA/wDHhaCjp1ijt1PqQ/669/5tx7bf4bU/EGjxsNaDxZzubvqfGN9y2ta/JW0w  
unzTGN9+6opZHSnHPotxie5bVs/+s1Lb4lxR5KtfbKSDFOaEbjRNx3U/G/YtSGD9Hmd7Qbzw4/8AZi7T6  
wcK7sLHlawY+87G1D904tmCjEXCWIAAcISdBtHfRC9geKAS5vgEwJvjC7ADrJnwo8f7i1jMnDro9FLg9e  
GX7lkmrPyK4bYV1ZjmJ10fSBzFtAPKPSJawuNu0tsNdLNYN1tIJUlu12dQd6vnoPjW9Lq/wB64T/lNDx  
rthrfSGLFcGtqCWUAd50+NQfoa2dco9Vc5eyFYiFkEgw07TenbAXIt2/sL8BWU8WnsuE9Rbfgdr6tRHgd  
s7VuuII2Ntpi231lTLsv8K4IiLNUOL8KznwFwhxFwIDGqeD4pcKdpgx19Sq8mYAAcGBUKDTsdgluAHvr  
P8A19qNNxFu5PZ/vXv6Tb6qew/nWlsQBPAHrUcAuExFMI4n+wwvrV+NBIPVgyyrGaPSIwdjtM0XINirgu  
iGf0291T8Q6J4ZLZPVK7ZtC2uwkwDpRIdJLSDVCPXP4UG4x06w4gBHbU7jSYMDeYnfwpXUmzLLbi0uT0d  
H809tAmHwwnctbUEExDax5iPPQ8rmG4ctp+sRbAh2gLkUghWCa6eyg3C+lti44tqjoCQFnUdowBuSNTTQ  
MpL5CAx7ZYiQNXCsM30BJAX6RiYiuyMpRVJKjD6eFtrI690zTB4B1ZDuAyHQgwMks2h2zAD1ULx6OMRZL  
oyBrrGM2mfq7pLDTUR03fvsKY8PisloZnQvzOYRJJUEnmdI9XhQHiaDrsMMwnrXB7Q0K2rmbMZ0MsN6by  
Sa3XJGeKj8Y7879C90jt5xvV8AfxrKs9KkXOCswyg6x3s0X2Z9dZXNR2YU/GhpfcXQWlSqbZtyNd1Ead0  
jfxoJ0sBSx fBBBLIROkjNbGneNKp2uHY81Yu4gZhIPXaR2dTLaekNIBM7Gh/G7jdTdV7z3irhQ7cwGTaS  
YEzRGrVWduVPS91x0LbiN9NJHiDqPUa1J7qgw+Ki5+r63QjIQzaQdVCmZGp02qdcFeuvcyWyWwWdVXKED  
QRAMQva0HdtWjzmz1UFRrcYjaNp/nu2pn6HJhnY28UiSNQ73I55erKgiO+T3Urpba6WRVbrfo28r5iEVmY  
AanNCjsnv0iK0fDx1Ny44dJDK60DCyCQxENAUbagmIEUKTFKKo7Ra4Pw+ARas6gMAQCYOxg61at8MwemW  
zh9T1EImpgmNt4BMUq9H+m9gHJcQWViB1XsyojKJ2HPw9QfPnXlsReJSFtiQjAFWdWCCXJO09MAdxjc0W  
QE0jmMw9q9jRdW2qreypKgxDX9B02ifAUzW+M2mFi1n1BJC5R1K55GkzHKNY8RXNeFwcWe3cu0VVnK1Tn  
G2YgFhI3k93fTV0ZFy9cuXbCCwjaM0EgDcBQ2hbQbaeXNWFDxgmYqcxk5mGwGxIjTyq1QbCcECKQb13Md  
2Fxhr3wOztA1B2qe5cvWtS0tt8yBDr4wNHHkAFA0Ac3xOE6rG3EUkRcbbubI6j2PHqronBL9n50rWuzaU  
EAsMvokhiQddSCddda5rxnHB8deuW2DozIVIOjDq0XT1j2iKL8Z4uIuWLN13GVmuFiFCKt+qUACSS0NuZ  
EDdoAaLvEuJAa7cxY6vq1+eVEY9sqAxk5YUMQTp09N1u1nVHFQ5ZgHSWjXzHf4mge0xAXCXrZZkW1aylg  
R6UAKjNsXYkSq7TE61c4g9z5J11l8ji1mmJEBQTP9bkCPfVWTQWXDgMW1k6eA22HqxxQHonxdsTZzuBIO  
UkH0iNzH0eXtot8qTNkzLmmMs6zGbbby1pblbI4XiWm432m+JpxwFsm3b+wwvFJLvJ9ZroGAEWrf2F+Aoz  
7JE4zxrRfEk8UVweBe4pZQsAxq0Hkfq+NSHgdw7qnqf8A+tc6TNbBU1VwXoDzb7zUSxmAe3AYRMkaztE/  
EUHQsnZCEgEwSw5kn6vjQB5xDcDZEBcWdGMRqpZSFI04gmdKqLhnV1dbRChpFtWXsgqVIEsF37Wh599Xe  
tf6nvH5isN1vqn2T/mpiKWGwrArmVgRcYkzEgq0HsucwzZd48qt4tte/vE+8K2D9+b+D/71V+W27ji2rM  
XV0JBtwnxzLePKaBmnEn0pR4odP3vwNOXFbe1JfFNV3vwrTFuRLYzg1/JcD/UKtHf1IaPdTaenyiIRgAF  
0jcLIAMt4n20r9HCOvt5hI6y3IjNiZCRAkt00QZrqWL4Pwu76eDdSdymGv2z62RFraTa4M6i+ROPTpMpQ  
WjBMnT9koR6fMenzJqvi+mwuNbY29bb06jKIJuatmBcyKr8c6Lwxj7eHwpZVujs9atwZCaxhs65mBKGCJ  
31qBeh2IL27ZKhr5q4ykZswYMgOmU6xBEEaG1rb7BxhFbhJ00fK19EA2gi6DlBA+kfqmsrMJ0Wu4VXuO  
VIOUEAMPrfSAHeNPCsrOXJpCca+I7Js6cZMARMCCBLA66d0eJilTpSuRSudXLKrEidJb0Tos6e+uaMA

foj2Cj+AthbDQQTm1jaezp7KmMaaOmeVuLX4QZ6FYgLxLD6b1l/iRx+NN/CMEbm04oqMF+cw+pQ0Co7Vy  
3lOnaC5fCZpL60CMZg2g63ACZ3ggR4QpHtrpPRJf6VxF+++qz9gMPxq+/ucz/AKxPCDbxdi8gDFreYvmJ  
DXLWUSZOe4xtl41ghPGrPBuj7Xs09vEQ1u5da5mntElNjII9GWVGjxbWkj6e8QnKBuUBHGW6gaMoyMAYj  
mWOfbuPIDUrw7pXg8igXVUIiKZkDXsgL0rAEGTrEa0xdHPemHRxMJchLoCMrXER9WOX0kB3MEqPXJ2NLa  
4qfROUiNieWug9/qrrPSHjli/bNtbLXQZVXYZfViCAwLdrQEmQp5UmLwdmt2cMWB7Zy9kSASXuXCTqYDG  
BpJyDuqWUmB+H9ZduMg5ySxiYWXJnvyqW5SBXXuiCEWSrW+rg9lSTIRgpBYGDmJmTA2PdQzhvB2tY6UtB  
Q1krnLSFAF1v7MakZSu4mNabrNhUmBqdSx1JJ5k+rypiLFZWVfdQMCCJ/nw2oA4z0vxCLb4tegHA7A0z  
ZU6zb9uZ8ZqngOINbt3VRDNyFL1TKjU1V7pMGfAVE4dbbC4y7hnmGyuqk6iQHyk/WyNBP7NM/XW/7M/wD  
cPs21FdUPp1KN2Rkbi6oTcRxXEXLAWGnq0MgC2RJ+s5jtHUnXmTVvAFMsXlxBM6ZJgrpoZ257d4pqW7a/  
sjH94fbMVq923/Z8yftPqXbl310QwqKrf+CJNvcWLCwf2b+oSQASAZbPB0kejHmfOqnFMMjZRzSXVXL2  
s6kyecRpHsp2sZGgCxOp16wjckgeJAIG9V8akEdjJp08z4itIpJmbZz+a6Rgv1dv7C/AVzC3y8q6dhAer  
t/YX4CvK+p6N8QwC0Vvk9zIxV5bKREgWI9IEb94rb5ViZEICPRk/EgGZ5ToD6UAVPwD9UftH4CieUVEeD  
QA8bJItZtyrTpGvYnTlSy7anzpp6RHW35N/kpUciT51nLkaMmsNeCK9kUhmTQDAD+lE/tL8V/Kj2nfQLh  
/wD8g/bX4inEUgrxr0aR0KHT978KeONnTeaRuJ7fvH4CrxEyJef663qB85b10w7Q102g3rtNjEt1qozI  
wIA1SwJJUuXHbPYMRHiNa4v0cPz1vQH5y3oTAPaGhJ2HImu0YbCv1q3SiKT2WAYGAFgqDamHUCNNzXRI5  
pXq2Ezp1da3xHDSjEMtoEGSYlrg3NRPJl14W2Z2LksJ7so5ab1r/xIb+nW/Cyv3rtUsM2ZLUETNzw5Jr  
WFjzuooov3kJBtyMDfv8NPKsqw1k1NDqTO3h+f1WU9JliY/E51j+BtbaFMiJ10s6zsPCr2Hstbw5Vo7TZh  
BBkdnU20kVZx14jRm1y6e+OQrVUnDltzmj3r+dXSTR2qcnGmWsJgXW5hbiKWCfHeB3OH5/skLPhTJaxF+  
2+L6tggv3TcW59JRMYqQp2bUb+yrWEIXD2o52kJ/hFD7t4k67cq18gA+NcIv3rhuti0tdt86wAdBAC9kC  
ByHKqQYjE2dDZtt+0p1PrmT7KMve31NLXEXvu8LoOUECrTmznBBA8dW/Fp7ZSWeyQQAss0zHd3V07hfC  
rS3L1zq1Vmu9l1lYGs0BBW0z2Z8++uIYW26MWC+iCTMcwRmC/Srp/Re7fsJdVsKXly2a0yroAEjKSpYao  
Z079KBSHU4QhkbM0pMT2pU6FTsfBNXuv7x70XiRvS23S0woi51lrc/02yACf2iAN/Gr2F4jbuTkuW3U81  
beT3GfjVUhWw7S7034o+Hwdx0WS0JM+h1nZze08Ad5HKmOg/SPA2r2HuW7sZcrMCTEMFMPvrEzrpMVJV0  
cJXEqt0EXEKA+ZQBtrOUAcuUd1dSxbYSxhbd+9ccNcRWCKRmckAkKCNACdyYGkmkrpngLFnFoloQnVW2E  
c5zDN5kKJPfNE+CdHXu2mxV260WwiWy000W4UgC0yomAQdDmPjVxnK0yY5PVyQPXLEJkz2oF11CsVYAZn  
Kxv2iVAI279RXR04DaymS0jeCNDv3dxFL3GbjPw9WuIFfrbJkbNku21zAfr/H3B2CAKxESRqe8gRJ79BV  
ewftk7PoH/8u2vrXP4h+VaP0btH6Vz+If6a0Vo+x8qnyz9g4o+dbPoJyHwro+GfsJ9lfgK5xZ9Ffsj4Cu  
h2H7C/ZHwFLP0LGNvArpFsejBYzJ15bUZ61frD2ikX9EXLoRlUFYPJCZBbk4Pfy8aHYLoffAYPatGXvt9  
gFugjYc3Hs8IoJFaeQt2NfSG4GNsj9v3FaVXOp23ognD3sw0R1VTpovPKlpCTpuSp91CmbU+dYyXyZcXs  
SZvEV1RlxXhcVI7NyaD80/Xn7Q+Iok7iKGcK/XfvD8KqIpMu8WYwaTeKDQH9pvgtnfGDDaUp8Sbrftv8E  
q8fJMuD3gtwrcDKoZgykKRIYgyFI5gxEV0iz0gx+TN1eFWJbLlaZMkxD5cxJPPma51wv0twuo1MwN9TGs  
Cm3Cx1Z/lVpgmUM02PSMDQrLDy2rSasyt9FLjfFrmKvrcuBQwt50wCB2Sx2JJntd9VbeOdBoxGXUbGM0A  
7jwrbiJDrZzo3YnMghdQeUD4V5h0Gvet3XtFSUKKqZlBJZlK9qB1CljM7isadlNJrcxu0XiC0sn91P9M1  
lQJwe+WRQo1j1kmFknLvsRM6ia9pk6YekDMW8s2dpIgSnd4/OivD1nB00zf0D329PfQ3G3bWbKLit2dez  
IkE5p3ykAtv3bUWwRX5Bcy7G7P+JPwit06Nf9bG2T1FocuT7q0FuOZPdR/h/DHezam4gm2mgBJ9EQCBz  
qG90VBMm7dYdyqE97UmhJixicVEge2hmIxmM4/nYU5/oTDWz2rYP8Ae3vwUkTW9zB2yjLbFpM25S0bhG0  
RAAnTu8aVFWCuHcID8NxWIMz1Z/wkEDXlpmPq8qbeFYpm622bdxMrAZodgwuLauZpCwhgNpJEv3Exbw9g  
HhLq0GbTZj19IqxS0+s6LcNFtcQpNzMt7JPWMTlW3bySGJGx7uY7qaJZew1+S5BV170oYsAdmLAzsR125  
eA2gs3raXFuIlvcC46KIyNG7AQYMGtOkeFyW3vK7PeVM6JcClGKTEgKokZjBJ0mqnRLi97FNct31trFsk  
ZM31ihmdBBUHTefChhQd6RdIbeDFvMpd7jZVRSJ8W1+iJA9YpI4pxLEYxXuKT1YLW+qtwTlJ7J0upcgW9  
NZkgCCaau0cAF+5hgwci2lwB1eIb5rKCcp9LKdY0j1Vz6/wBJMTh2ZRoVDW9UEqyjdjrWYCHEmW1kag60i  
gPxjitzGX0dlBuZEtfqFhpQSV0+sS/Lvp/wCEcSY403h7dpWuNee186CFS4XuXR2YJcoozkaAaa0q9AsAV  
xym4jL1Nt7pVwQRlGQGDpnn1Ur2CrfeCDczOWbKpYnMQC5AXWdeXIUXUdX6Ztct4EJCQT1lv5xSMujBi  
YVVKklZgCND6c7Mm0J3Ka+sVw21hFOBu3mzdaL62xJ20BYEHnqa7ngVi2g37I+FAia00qD4CvbmX8jUWB  
abds96L8BU149lvI/CkUf0ts9lfsj4U4JiGgeQp0teiv2R8KdLdgwKvN0RAe+i7zh0J5luf7RoyvpHyH4



0H6NJGHTtRq/3moqzgSc3cDp6vxrJDFjpm5D2o7m/wAtJV5zmPmadelifntzuFJ9p0+FKL2dSfE1L5KRU  
Nw16rvnVTG1WG3TGQPcNQ8NeHJ7tfxq01qaqYBZZgOenxpxJkF0KorkrbS4HmIcqPp3knw/UkifrCkff3  
CVQkEEs8g8tLemtdL6Q4jDkSrEGZkdYDMud4H043trnHFCsiCSMz6kkk6WpJLakzzNbw01tyQ7ILA0by/  
OtsMqFbjNusZdSN5mNdeVR2ycrRvU2FwzFJZ0UGSZ3EG0QMeFTkaS3HEt4JxKlhmGVhB9YHsMH1US4biC  
LgCIBoQJXYN6RB0moA9lDupAlVYEdWzTsIUMx8tFqHB4giTJ0jnWaSbCQ24nEAQuwVKgHTUQPonkP968p  
cfGEKCW0oPPx0j217VeNGekX04ncEnOrTvmVTP3aQTTNwth+jG0/rdfak0n9mnDAEfo20+5P+Mf1Vt8Gz  
2TOn8LP9Hs/wB1b+kfqryAra/17p80Y/GvMBm+T2dP6q39JvqryFbYjZSBPYE60ddRsPKkSgXibmXUI/7  
oRfcxqu10R2gw75uhdeXoVYewWdfm7eSYZjbOYEansESwEg7/AArXE2bKnXE27f8A0WFS00E+HLM4aUB7  
Tr1ayxMvcCqoLDX0m1NEuBXB1uL11N5P/BYpe4fiCtoWsysi370S6CAtxg9s3LYWJV1CHQ78q08Cw0XcZ  
Mg9ch00/wAZZGsaHaith9knSNoRoJ/VXD15MFGs95Ej30sdb0jFNAMdU+xja5M+08UydJc2kbG1enbXsG  
N9Y8qXuhMjFsCN7dz79o/Emkxj/VQYa1bLvlRC0s7QB00kn1CaWMTxw7Zv3ERiVFxjDa+n2oB0oAJ0kwP  
KtMfxt7tu6mmUqFkrHph9ZnT0aZJa6TsBbxV8brg3t+RcnT4VyvgWJb5Ta6u2pdWfKC2UHMpkExppXRek  
t8/o7GH6xKr4x1JHsVq5JgHPWIVaCMzKSswUBcGJ11FMaGYpnw18HRjjhIBkBNDCJ5ieddewXELRKWhcT  
rAik28wzgzQ2q7jQg1xvBBjh8Qp0aMZykgRJL0pIHj01adI7zrjcQwYZ0NkjTn1VrYHTapCjtnCj8zbHc  
oH8On4VNid2G+yfga4Lh+1mMQBevuKoaYn62+pExrttT10d6ZdZaYX3UEo5L11UL1AULEzLEkg01yJpnN  
bZ7A+yPhXQRs6DyFc7t+iPKn5L21PP0LH2PPAZ6m3A01508Tz5VcZ9ToBBXzMxqY1oVw06eoUg7ZuQ+sx  
7qPFPHFwH5VmuByVsW+k/wCsT7H4tSk519dNXSk5XQfs/ie7zp0NzU+dSy0SV41R560e5RQG5NU+FfrD5  
/nUj3Kg4Y3bJ8fzqo9iZZ4udDShjzov2n+Fqmnin2QaVccde+0/wt1eIUyPDEgGN+Vws7sq9qGkiMsZMR  
r4a1FgEzG088qJLgypDQ3ZkxGvs3mry0mRFWVXcoYKrc0gySo55hprz91a/KrQVic0saTF6536bk86sGy  
jPDOVmdMjzGp2C1I3DrW3XKBzzW7o8f7MioQ2UrNyy7Kq2HJJgBbpJJ0gABUkn1WUzdGEw2HvC62ItMUB  
KqSRLHQHtW1gx0vKaynaDYRzwo95o7h1yYQoT9KY9YrYYpuSN/PqrTE3mKagjXn4URUr3NZuNBHYeHkfJ  
7EmJtW+bFUXQV4+ipt6Pew5t3VQtGEwrMSfm0790ygAAH4UM4/fYXbRDERbBA10Je5rGmulNmRn6Xc4q3  
aVFCG4ULnMwmBm049EH4URboxbc5jiFY7jTbxEP6vIC1jhbv8ALbQeTN5gWncuEUjTs6abDn4Cj/E0j9x  
DbTrZNxsiByVnLarsAh91SMiww6gPhM2cpdt4jrBoCL11QEiTqMu80L4/wBKr2ExuJt2mQA3FdpWcxNq  
0ACTygDaKtYQnC2buEuEG6rfK0zquRmgNMDtZjQI0pT/A0IjEcTxIn6Vs6/3VrbwoY0dEbi64rD2bpEM9  
vEKwEgZlQhhBmQdx6vGhfQV4xgER81cBHrskGteieIDYPCIHAAmU5WTqgZ1LaCIDOu+nnFTdFbZXGoQGg  
rczTGkhIGH19C10g7J0kkC/dIMGRz5lQdu6IodbcnDuCdcyD/yj8K36ZX4xN0eI+4tU7WJ70U7F1E+U/6  
q0xhjPOT+jgI7V1rjEDmQlwaDx0NcdU3FIgOG1A0M66EDx1ius9K8bkt4K20SLOc696qAP8BpNx9zq8XZ  
Bg5cQsDrtmQnbbemJHvRe6xtXVPpfKcGddyS7idfIVnTWxkxd97kk01pYESCLNo61QwOJ/pQW4f6yzmaP  
qZRMeIFeelqALcBYuy3bIJ0pyjCoS58Nbr40h9i5h8QAGIZh11Bn9pFH16Rq018MrSzGCp131PL2e6qNr  
IA0icywPDUGY9VepA0mxi+M00MvA09qu1ISGuglCDNVn6M8fYVsdILOHtrbuE54Y5QNYLNBnb2mieE6bY  
a4VQZ1Y7ArMxrEqTyFc16SsTdQwf1f4t+dacEWb1vTXX7pr0trL0g8cxa3nV15CDIjnNK5TWjKChYWoGR  
BK8a3U2WtStMZUuW9DVbhgliP5+lv+4DB8qqcI/Wev8ABqqPZLKfEARIoHjPRT7T/C3THxgxMClzHeinm  
/8AkrSBMi10ess91EUFmLGAJkwpJiNdhTtc4LdRc72yFG5ZiPvGkfgFy61xXsaXQxKecEHf9kkUyXsbxV  
1i5cby7JnlSG8Ty5+AgnyQlZas9FcTcx3UtfnZdzcXuPjJ37qYLfRK9u3VKPFz/opDbEY3rBa627n1JQ  
QNpfa06D6h3Co8dw/FLbuXGN0ZEJkspBgagiZ2EbVnY9PsKdJejmIRnZRbdTHoXEkQAD2WksfUDWVQwPR  
tr1tLr3ruZ0DxGksM24JJ10/Osp6hm3yp9wzE+Jqrx04zjMxJ0g1JPxpwfovZJJz2k8FZm/9hNA0kXDhZ  
UqGzbGQCn+UGrT3Gx1s2SbNoqdRat8/2REUP6RWXPUsJnq951kPcM0x4zC2hgGYntLhZHajUW9DoaWug2  
PXENebEnOLVuyiAkkD9Z1jabszDMZ7+4U9Nxb9CvegRw93W9aUg/rSWc88wUEGfKZ8aXrvF7qKp1ByB2I  
MDuIjeuv4jH4K3/UofK2vt1oVi0mSrm6nDgwNASF7+SqdNuffUUIrfoTej+JvXLNxoQe6Xzt1uVnYArDV  
bebXTMkheRjaRqf/AIj3G/SV8mAWKnQcgoQeuEFOPCunT2rbq9rXrLjk763Xa5ESNBmgHXbWKUuk3ELV+  
69zqu0xloaQTEtP5UWCuwRg+JXFfopcdShuL2TqEfKSA0YJZ9DTHgeJ3QqnrBmH0oEsJ1Dc1JXu7/C1N1  
XQgHw2rdcVc2XLH2FjTyApFBLGreuxGfrCCxkw7QNhpx5d1aYbD4h7iLmbNmAWTMfTj186rWsU25iZ5H8  
STTF0VupcxmHQWmBa6pzFyfr7Z0jUdmgB16XYu3aupbNsXGs20T04BJ0zQZ8HrnnFb0e4Gk/OXHbcTqQT  
FEumWOLY/EsJ/Wso1/s4tj3JQDFYpmA37MxJnenQkEeFkLdRmkhb1hZ02Uk6gb6JFE+kloi/cCA+mF32C

2MKFGu8yaWsDiclxGWSVYXCCd0x2vwo10sxwu4q7ctE9XdKGAfRK27SkaaTKES06kMrJhzrKr3jatWtsO  
WngNKs28WMnzhObLC5VGo31/agjXyrVeIESCQV00bj+YoXIMqpz8q6WbZrmdrY+VdaFvU1WfojGI/SfS+  
n92PvPWvATOItj7X3TU/S8f01P7ofeuVD0Z1xNv8Ae+61Qv019jtbtbzVJUossQfKhqxWaYzXq61Nmp8w  
rMwpgUsTaGVvKhPBh86B4n4PRzFkZG8jQXgf64eZ+69VHhizPxtIJpWx+yebf5abePekdKUuJH0P3vwrT  
GRMJ9DgflNvKWBlOkIT6D7CuiPhrpH6+8Ne+PcI08a5j0fxxrWbi3VEshMA6bqV5faotiuk2KckdZ15wgA  
8dzJ99PI9xQi2Md7hPzmbMxfm8S20asWnbSqXHsHcXDXibjkC20gkwRGx1286W2xt1zJu3WMRLM230Ndt  
K1YNuxb1/71jaNNAWS6Fwtuu7XVIRbDmRIURE6RPurKBdYM/MLuTzMb/AJV5VC0nWBx/6tu0J20J8+Yp  
P6aYo3JYhQYUQoIECe80RbETzj16+7a17pNi1JKayQD4cxWkVuS2d0VG6m11Enq0+6NaGPbIJ7ME+Hd3x  
50u4f8A4iEIqNhxCqFlbuVZAewbfh31q3TW0xk27g88p+DCqcWTZZ4q+pB0x03sPwpev3VHI+J/2mpsZx  
u1c0jkean8BQzrkYkFxr3mN/Os3FlporvixMZVgje06ffUK4oZSIEATtrzEnv3r3EoF0sCR0Jknx00HjV  
RCFnNB8ImZ7+XtoohxLMTpAntSwNp3jfTnVIW9daJYm2ZhQcunLU6CdiedQPZIXMjd0D3R30ARho2o70  
W4utjE2blySltyTEkwbQBAHlNCjhgyliQIGg593lvUKWgdCYP8j10AE8ZjS73LhUaU5ZhPNzJAMbSfZVXF  
WM8si5IWWUzzJE7aa6R64FVzdyl1bu0kcjqG9mtXsDeVwUOpG08+Zg7icsx494oABtIPdW9u91kb+NXr4  
mQ0kqIELI9o8SNfGhxjuosC0mKjeay3dBVeYqmbUMHhXzHxqkDC9iuuk6muRYY610VUJ0s/KM8Yv9MG/  
pK/3S/eetei//AM1PJvutVbpDiM98N/8AZA97fnUnA7uS8G7gfeCKiviadnQdMp8jQwvUacSBBHeKpDHV  
CTGXyxrUsap/LPCvPlJ7qAJcRcMHyoZwd4uA+J+D1Pib5yKxVPgz9sHxOnqeqiuSZE/GWnU0p8QPo+v40  
w8avkTSzi2nL5H4mtMYp8FvhSSYAJ10g8qK1GTU2z7W/wBFadCLea+vk/3TXRzgJHoz4gH80dLJyPG6Rz  
1MSBtabXYiW+MeyK8u3ifo68pEf4e/zp9uYUgwY/n8a9XByNp9Ue6Kyo0s5vdQn6IM/wA99eV00cLUgnK  
pHPTfb18qyiW+8jiZt3PHsk/Cg2LshjJDSNNQR6qf/1Q5219RYfjFa4k27ggq42+1PsBH41amyKic2bD  
gGojZrp5wVp1Ch2W09AfiaG3+jtptrlv1qQfdFV5GGmPs5/1daFKc26KgmFZSR+18N5qrf6JXx9A+qT+E  
VXkYvHH2hTa3XnVmJ78BuDcR5x/qQB+DuNY9x/CjyoPC3x/YKNx+bE+etR3ZaJ+iIHx9e9EHwDj1/PrqI  
4ZxyHd9E010LE8ckU4MAeyfjUF610o+NETZF6rew1GVjcu7ixaZopOhKgd3u8K8tWyuvMbVcivCnOpFRU  
QuRVvXGmQSD4HXXfUcpqrB9dE8g8a86v+f52o0r2Gp+gd1863tDUacxrVw2wK8Fv4z7J/OjSGr9iazuPM  
U9jCGkJNCKMfpG6dmI9Z/Olk3FE949ay3gD9QH3t+VScFE3I7wfxofiWYvLGTH51NgBLhZgNzB7hm/Cs+  
ixmKKOY9tDTdHd7XQe4tNW0wdnds7aaAt+X+1edRZH9UvtP51FjB74oDYr/ABH/ACK1RHEz9MDyDN8ctF  
c9obWkHkorR7y7ZQPKmALuXwRGa4fJQvxLV5hMW1s9kEx3nXYj6sc+6rN24DyqssCqEQYy89zVjVG5YmJ  
022nr/Gid0VctrWmnQMI9EcV8nvLcgsAG2IX0hG7afnT3/wA4WyCC1zXvCn/NSJhbSjc1fLJFKW73EhoH  
HrJOnWR3QPwO1WbPGsOD6Z8QW9+U+6kg37fhNTW8Ndb0LVxvJGPwFTSGPR4xZP6u5bXuDPp/i0WspNTg  
mLbbD3fWuX70V1LTH2PcNJB37Tfz6qH3cYwYbHzrKyhiRas4kIoIEev86tugisrKOWZTFoT6zVqyTG59t  
ZWUICZcU8em3tqG7iDzCHzRT+FZWUwPVVW3tp/CB8K2PC7J16tZ82/OsrKYza/0ZsHkw8iPyoDiuD210g  
J33NZWVJom7KzcItkc/d+VCL2GQH0RWV1BZD8jXxr080TXf211ZSt1JIqYiwFGk1EqCKysrVcGEuSW2gq  
dK8rKGSUMTcOca8vzrFDXDmGtZWU+gCaX276k6wxvWV1SBguGtS5rKyGDR7hqN77AGDGkGOY7j3isrKkp  
FrCYOdSfVH5VKmGWedZWVMuTSKVDj0R4NYck3LYfT6RJ90xTZ+h8MpEYe1/AKysojwTP8AUW7GDQeioX  
7IA/Ct2JUbK6cz+UV1ZSXB5Kb4xmHIeX+811ZWUyT/9k=" alt="Restroom Logo">

<p>Real-time Availability: <span  
id="availability">Updating...</span></p>

<p>Cleanliness: <span id="cleanliness">Updating...</span></p>

</div>

</div>

<script>

```
        // Simulate real-time data updates (replace this with actual data
retrieval logic)

        function updateData() {

            const randomAvailability = Math.random() < 0.5 ? 'Available' :
'Occupied';

            const randomCleanliness = Math.random() < 0.5 ? 'Clean' : 'Needs
Cleaning';

            document.getElementById('availability').textContent =
randomAvailability;

            document.getElementById('cleanliness').textContent =
randomCleanliness;

        }

        // Update data every 5 seconds (adjust the interval as needed)

        setInterval(updateData, 5000);

        // Call updateData immediately on page load

        updateData();

    </script>
</body>
</html>
```

