

PARSHVANATH CHARITABLE TRUST'S

A. P. SHAH INSTITUTE OF TECHNOLOGY

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Department of Information Technology

Academic Year: 2024-25

Class / Branch / Div: TE- IT B

Subject: MAD & PWA Lab

Name of Instructor: Prof. Manjusha Kashilkar

Name of Student: Chirag Malde

Roll No. 17

Date of Submission: 07/04/25

Experiment No.:11

Aim: To implement deployment of Ecommerce PWA to GitHub Pages.

Prerequisites: HTML5, CSS3, JS.

Software: VS code.

Problem Statement: To Create a responsive User Interface for a website layout using media Queries.

Code:

Index.html



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```
EXPLORER  ...  {} manifest.json X
v EXP9
  > css
  v images
    icon.png
    smartphone.jpg
  > js
    <> index.html
    {} manifest.json
    JS sw.js

{} manifest.json > ...
1  {}
2  "name": "ShopEasy",
3  "short_name": "ShopEasy",
4  "start_url": "/index.html",
5  "display": "standalone",
6  "background_color": "#ffffff",
7  "theme_color": "#2196F3",
8  "icons": [
9    {
10     "src": "icon.png",
11     "sizes": "192x192",
12     "type": "image/png"
13   }
14 ]
15 }
```



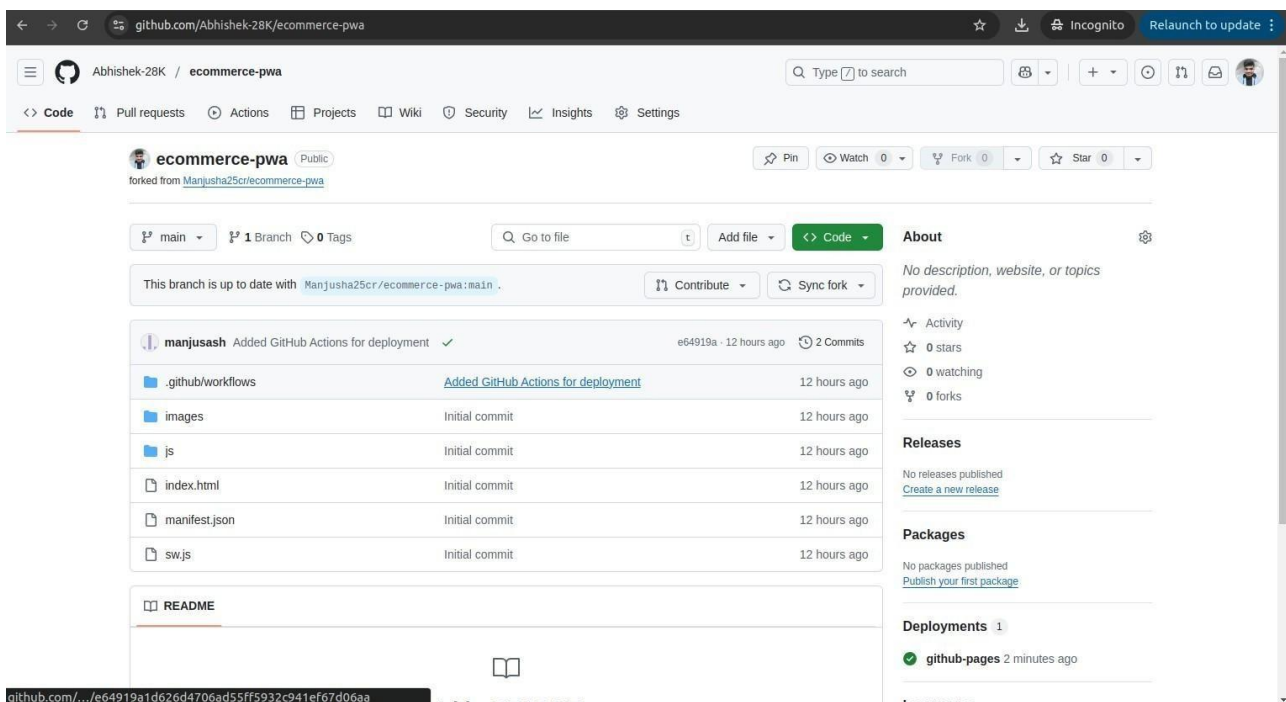
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```
EXP9  index.html  css  images  icon.png  smartphone.jpg  js  index.html  manifest.json  sw.js
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1">
7      <title>E-Commerce PWA</title>
8
9      <!-- jQuery Mobile CSS & JS -->
10     <link rel="stylesheet" href="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">
11     <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
12     <script src="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
13
14     <!-- PWA Manifest -->
15     <link rel="manifest" href="manifest.json">
16 </head>
17
18 <body>
19     <!-- Home Page -->
20     <div data-role="page" id="home">
21         <div data-role="header">
22             <h1>ShopEasy</h1>
23             <a href="#cart" class="ui-btn ui-btn-right ui-icon-shopping-cart ui-btn-icon-notext"></a>
24         </div>
25         <div data-role="content">
26             <ul data-role="listview" data-inset="true">
27                 <li><a href="#product1"> Smartphone</a></li>
28             </ul>
29         </div>
30         <div data-role="footer">
31
32         </div>
33     </div>
34 </body>
35 </html>
```

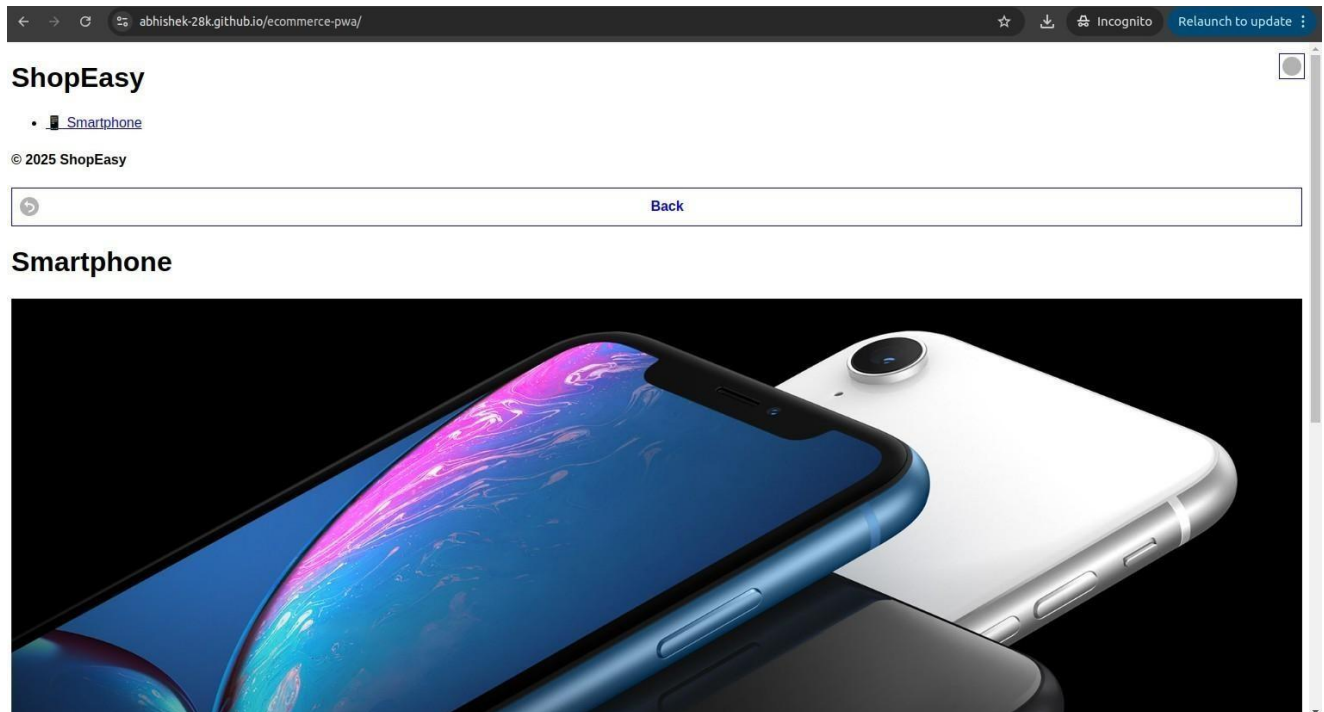




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Conclusion: In this experiment we have implement deployment of Ecommerce PWA to GitHub Pages.