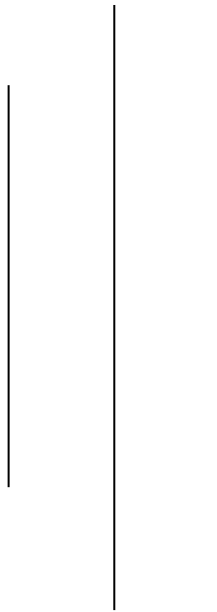




# National College of Computer Studies

Paknajol, Kathmandu



## Report on Progressive Web Applications

**Submitted By:**

Siddhartha Shakya

**Programme:** BIM 1<sup>st</sup> Semester

**Section:** B

**Roll No:** 24

**Email:** [sidd.shakya123@gmail.com](mailto:sidd.shakya123@gmail.com)

**Submitted To:**

Dadhi Ram Ghimire

TU Lecturer

**Submitted On:** 02/25/2024

## References

1. [https://developer.mozilla.org/en-US/docs/Web/Progressive\\_web\\_apps](https://developer.mozilla.org/en-US/docs/Web/Progressive_web_apps)
2. Marcotte, Ethan (25 May 2010). "Responsive Web Design". *A List Apart*.
3. Russell, Alex. "Progressive Web Apps: Escaping Tabs Without Losing Our Soul".
4. Evans, Jonny (26 January 2018). "Apple goes back to the future with web apps". *Computerworld*.
5. Ladage, Aaron (17 April 2018). "Progressive Web Apps Are Here and They're Changing Everything".
6. "Can I use... Support tables for HTML5, CSS3, etc". *caniuse.com*.
7. Evans, Jonny (26 January 2018). "Apple goes back to the future with web apps". *Computerworld*.
8. Newman, Jared (2021-01-26). "Firefox just walked away from a key piece of the open web". *Fast Company*.
9. Evans, Jonny (26 January 2018). "Apple goes back to the future with web apps".
10. "The App Shell Model".
11. Osmani, Addi. "The App Shell Model | Web Fundamentals". *Google Developers*.
12. Russell, Alex. "What, Exactly, Makes a Progressive Web App".
13. "What does it take to be installable?". *web.dev*.
14. web.dev. "Progressive Web App".
15. "Service worker caching and HTTP caching". *web.dev*.
16. W3C "Web App Manifest", Working Draft
17. "Web Manifest Docs on MDN". *MDN Web Docs*.
18. W3C "Web App Manifest", Working Draft
19. Miller, Chance (2024-02-15). "Apple confirms iOS 17.4 removes Home Screen web apps in the EU, here's why". *9to5Mac*.
20. "What's new on iOS 12.2 for Progressive Web Apps". *Medium*.
21. "Configuring Web Applications". *Safari Web Content Guide*.
22. "WebAssembly Concepts". *MDN*.
23. "Web Storage API". *MDN*.
24. "Concepts behind IndexedDB". *MDN*.
25. "Introduction to Service Worker | Web". *Google Developers*. 1 May 2019.
26. "Introduction to Service Worker | Web". *Google Developers*. 1 May 2019.
27. <https://web.dev/articles/service-workers-cache-storage>

28. <https://web.dev/articles/precache-with-workbox>

[Chapter 3] “Comparison with native apps and web apps” retrieved from:

<https://web.dev/articles/what-are-pwas>

[Chapter 4] “Business Success with PWA” retrieved from: <https://web.dev/articles/drive-business-success>

29. [https://developer.mozilla.org/en-US/docs/Web/API/Push\\_API/Best\\_Practices](https://developer.mozilla.org/en-US/docs/Web/API/Push_API/Best_Practices)

30. <https://www.pwastats.com/>