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## **Work Progress Report**

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## **Introduction**

This report outlines the research and troubleshooting efforts conducted today specifically on the **Aby-Invento** Progressive Web App (PWA), focusing on installation issues experienced on iPhones.

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## **Task Focus:**

**Research on iOS Support for Aby-Invento PWA Installation**

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## **What Was Done**

- Conducted in-depth research into why the **Aby-Invento** React-based PWA cannot be installed on iPhones.
  - Explored iOS limitations including:
    - Absence of native "Add to Home Screen" prompt
    - Service worker and manifest behavior differences in Safari
  - Studied community feedback, developer forums, and Apple's documentation on PWA support.
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## **Current Status**

- The installation issue on iPhones remains unresolved.
- Key challenges were identified, particularly in how Safari handles PWA installation.
- Further investigation is needed to find a viable workaround or solution.

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### **Next Steps**

- Test various configurations of service workers and web manifests.
- Review recent updates in iOS that may affect PWA behavior.
- Explore alternative user prompts for encouraging manual installation.

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### **Summary**

Today's efforts were focused on troubleshooting the installation issue of the **Aby-Invento** PWA on iOS devices. While the problem has not yet been resolved, the research conducted has clarified the limitations and guided the next steps forward.