From Native to Progressive Web App
A Proof of Concept

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Abstract

Lorem ipsum

Contents

1. Introduction

Outline: Why was the study undertaken? What was the research question, the tested hypothesis or the purpose of the research?

In 2007 announces Steve Jobs iphone ...

Latest advances in web technologies due to the support by Google pushing the support.

Recent applications like the one from Twitter

What are progressive web apps.

Motivation Liebel (2019)

1.1 Source Code

Listing 1: Firebase Auth initiation

```
1  // Init firebase auth before Vue inits the App
2    firebase.auth.onAuthStateChanged(firebaseUser => {
3    if (firebaseUser) {
4      store.dispatch("autoSignIn", firebaseUser);
5    }
6    if (!app) {
7      /* eslint-disable no-new */
8      app = new Vue({
9        router,
10       store,
```

```
11        render: h => h(App)
12    }).$mount("#app");
13    }
14 });
```

2. Background

What backgrounds?

3. Related Work

Related work?

4. Methods

When, where, and how was the study done? What materials were used or who was included in the study groups (patients, etc.)?

5. Results

What answer was found to the research question; what did the study find? Was the tested hypothesis true?

6. Discussion

Limitations, next steps , ...

What might the answer imply and why does it matter? How does it fit in with what other researchers have found? What are the perspectives for future research?

7. Conclusion

Limitations, next steps , ...

What might the answer imply and why does it matter? How does it fit in with what other researchers have found? What are the perspectives for future research?

Bibliography

Liebel, C. (2019). *Progressive Web Apps: das Praxisbuch.* Rheinwerk Computing. Rheinwerk Verlag, Bonn, 1 edition.