

Project Outline

Client

Your Contact Person

appleute GmbH
Marc Müller
info@appleute.de

Project Start

17.01.20xx

Project Closure

14.06.20xx

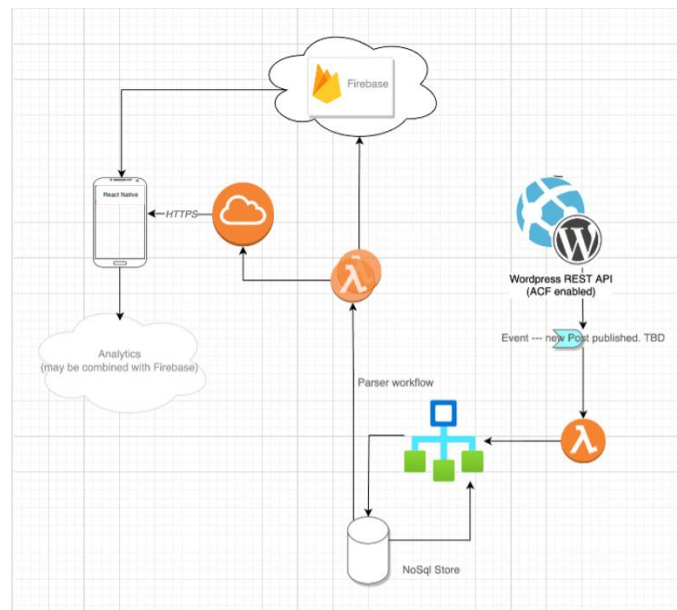
1. Description

The goal is to develop an existing Progressive Webapp into a native app. The content managed via WordPress uses Advanced Custom Fields. The PWA has inherent shortcomings: Push notifications functionality and responsive rendering on popular devices, among others, are compromised.

The native app we programme on React Native will run on and be optimized for popular iOS as well as Android devices. The native app will be available for download via the App Store and Google Play Store.

2. Architecture

During Sprint 1 and 2 (from 17.01.20xx onwards), the final architecture is being defined. Our current understanding of the environment is as follows:



3. Sprint planning

Definition: appleute teams work in 2-week project sections. During these 2-week sections, all tasks are defined and aren't subject to change. At the end of each 2-week section, the appleute project manager offers a call with client to review the advances from the past 2 weeks and gives an outline of the following 2 week project section.

Sprint	Sprint Tasks	Deliverable	Feedback Call
Sprint 1 17.01.20xx – 31.01.20xx	<ul style="list-style-type: none"> • Activation and evaluation of WordPress API • Setup of prototype to test sent and received datapoints from the API • Definition of final App architecture 	Demonstration of Software Architecture diagram	31.01.20xx
Sprint 2 31.01.20xx – 14.02.20xx	<ul style="list-style-type: none"> • Confirmation of development horizon and timeline • Provision the development infrastructure (repos, CI/CD) (iterative) • Provision of cloud environment (iterative) • Setup Webhook from WordPress staging • Setup of mechanism (lambda/queue as necessary) to accept the event in cloud environment • Development of simple components (text/image) in React 	1. First Demo of Hard Coded Components in React 2. Event Ingestion	17.02.20xx



<p>Sprint 3 14.02.20xx – 28.02.20xx</p>	<ul style="list-style-type: none"> • UI navigation (home/categories) • article teaser component • teaser to article navigation • CI/CD setup (allows us to automate build and deploy workflows) • Enhance webhook handler to fetch created/updated posts from WordPress and add it to the queue 	<p>1. Demo of responsive Article Teaser Component</p> <p>2. Demo of Article Navigation</p>	<p>28.02.20xx</p>
<p>Sprint 4 28.02.20xx – 14.03.20xx</p>	<ul style="list-style-type: none"> • Setup API layer and the noSQL layer to allow mobile app to fetch dynamic content from backend • API endpoint to serve the categories/navigation • API endpoint to serve homepage content • API endpoint to serve the content of a post • Integrate these with the app. Initially only dummy content to be served via the API 	<p>Demo of dummy content served via API in responsive component</p>	<p>15.03.20xx</p>
<p>Sprint 5 14.03.20xx – 28.03.20xx</p>	<ul style="list-style-type: none"> • Setup the structure of the parser workflow • Integrate parser output with NoSql DB • Iteratively start implementing the parser workflow steps • Enable some of the content to be rendered in the app 	<p>Demo of real content served via API in responsive components</p>	<p>31.03.20xx</p>
<p>Sprint 6 28.03.20xx – 11.04.20xx</p>	<ul style="list-style-type: none"> • Iteratively implement Article component • Cloud infrastructure templatized (almost complete) • Improve unit tests coverage for the components • Implement more components 	<p>Demo of additional responsive components</p>	<p>13.04.20xx</p>



	<ul style="list-style-type: none"> ○ Two-image ○ Image slider ○ Article slider ○ Category slider ○ Gallery 		
<p>Sprint 7</p> <p>11.04.20xx – 25.04.20xx</p>	<ul style="list-style-type: none"> ● Fully templated the cloud infrastructure (80%) ● Develop further components <ul style="list-style-type: none"> ○ YouTube component ○ Instagram component ○ Contact box component ○ Downloads component 	<p>1. Questionnaire fully filled and delivered</p> <p>2. Demo of further developed components</p>	28.04.20xx
<p>Sprint 8</p> <p>25.04.20xx – 09.05.20xx</p>	<ul style="list-style-type: none"> ● Fully templated the cloud infrastructure (100%) ● Quotes slider component ● Infosec questionnaire revisions (if needed) ● Production Cloud Infrastructure setup ● Content processing logic to be completed (non-prod) ● One "internal" release to be performed on Android 	First internal release of App and internal testing on Android	13.05.20xx
<p>Sprint 9</p> <p>09.05.20xx – 23.05.20xx</p>	<ul style="list-style-type: none"> ● Release preparation (Google/Apple account access) ● Release to the App Store and Play Store (Testflight) ● Testing of App Store Release ● Firebase Analytics ● Push Notifications ● Search functionality ● Analytics 	<p>1. Analytics</p> <p>2. Release to the App Store and Play Store for testing</p>	31.05.20xx
<p>Sprint 10</p> <p>23.05.20xx – 14.06.20xx</p>	<ul style="list-style-type: none"> ● Testing client side ● Go-Live 		14.06.20xx

appleute GmbH
Karlsbader Str. 20
97762 Hammelburg
Bavaria, Germany

