



NATIVE VS HYBRID  
2015 SOFA GTL  
TREEWATCH PROJECT



René Karoff

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**Document owner:** TreeWatch

**Company/Organisation:** Fleuren Baarlo

**Contact person:** Max van der Linden, Group leader

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**Place:** Fontys University of Applied Science Venlo

**Author:** René Karoff  
r.karoff@student.fontys.nl  
2198664

# 1 Native vs hybrid application development

## 1.1 Decision criteria:

How important speed and performance would be, to you. If you would like your app to include any device-specific features If you want your app deployed to more than one platform

## 1.2 Hybrid

### 1.2.1 Pro's

- One Codebase
- iOS developer Account still needed to deploy the App to the iOS AppStore
- Developed in HTML5, CSS3 and Javascript
- Depending on the SDK - Full Access to the API

### 1.2.2 Con's

- SDK-dependent fee's
- iOS developer Account still needed to deploy the App to the iOS AppStore
- Developed in HTML5, CSS3 and Javascript
- Support for multiple browsers
- Apps performance dependent on the devices Browser capabilities

## 1.3 Native

### 1.3.1 Pro's

- Full Access to any API
- Optimised use of hardware resources
- Many code-snippets to be found online

- Two codebases to take care of
- Two different programming languages (Java & Objective-C or Swift)
- iOS developer Account