

MOBILE DEVELOPMENT :

WHERE TO START FROM ?



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INTRODUCTION

What is the difference between a **Developer** and a **Programmer** ?

- The basic difference between a developer and a programmer is **the scope of their work**
- Developers are more involved in the project and have a greater understanding of the full project scope
- Programmers are involved in a specific part of the project – coding

Programmers are also known as engineers and coders

Developers are also referred to as software engineers

FIRST STEP

How to start ?



Common mistakes and behaviors

1. Start coding without prior knowledge of the basics
2. Jump between different programming languages
3. Getting bored easily

The right way

1. Learn the basics before going into programming

For example : Algorithm, Data structure, Logic

Coursera: <https://www.coursera.org/specializations/data-structures-algorithms>

University of Birmingham, UK: <https://www.cs.bham.ac.uk/~jxb/DSA/dsa.pdf>

The right way

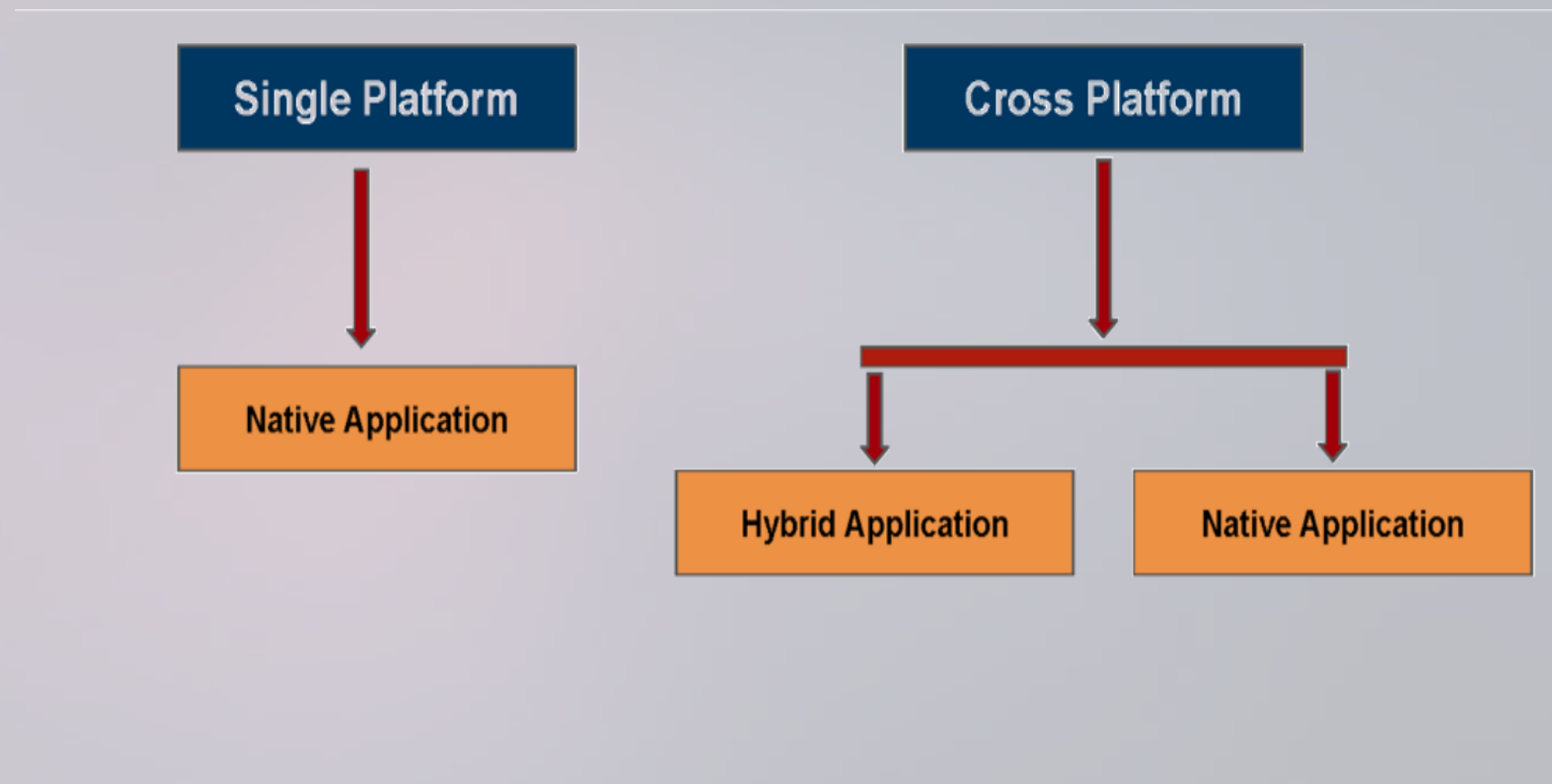
2. Specialize in one field

For example in our case: Mobile Development

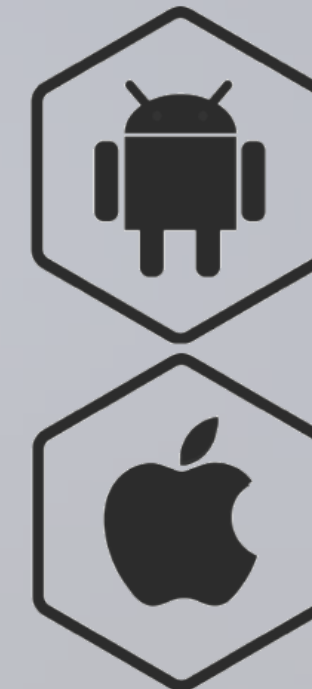
" Specialization is the key, Teamwork is the way ! "

MOBILE DEVELOPMENT

Types of Mobile development



Native Approach (Single Platform)



Java
Kotlin
Swift
Objective-c

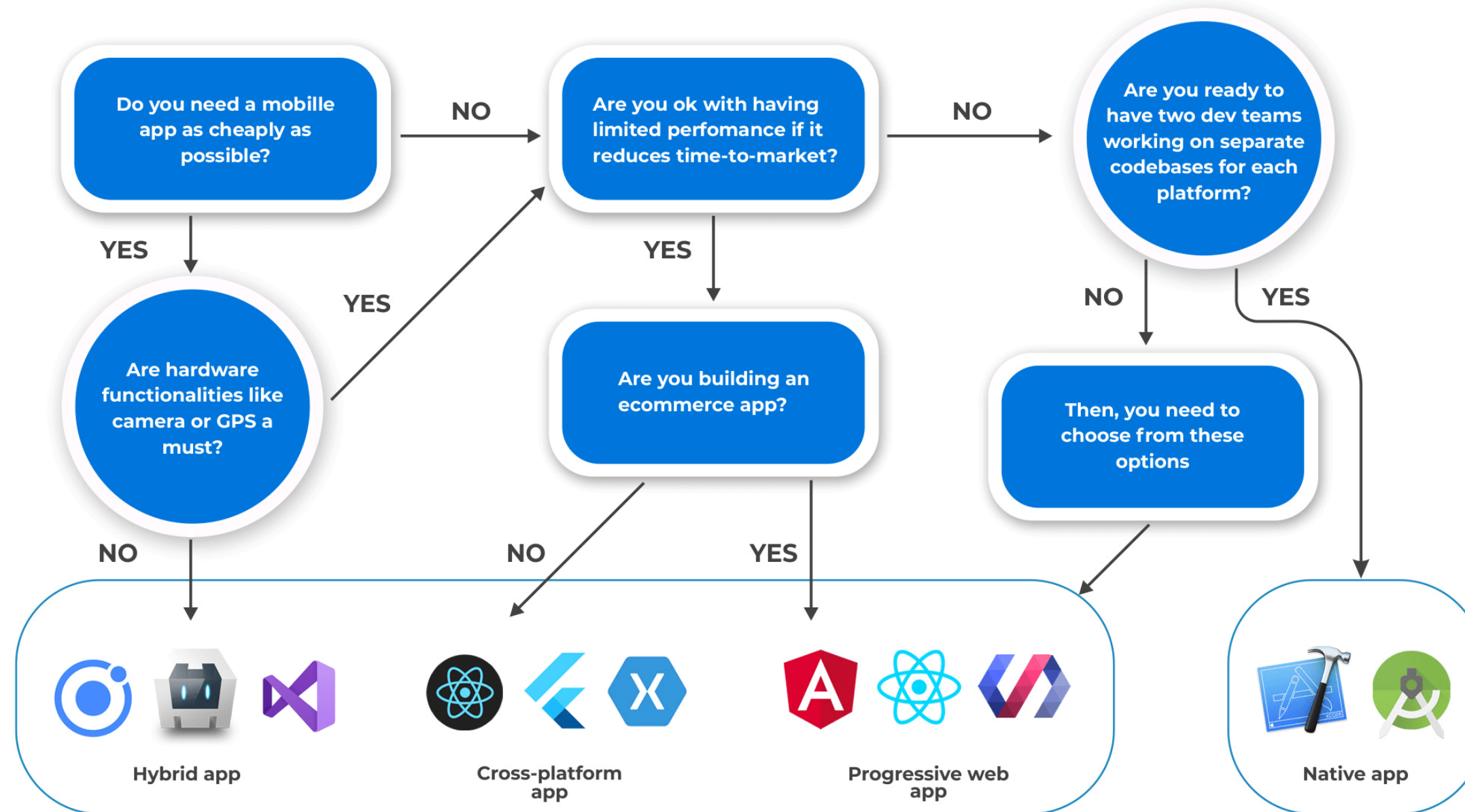
Cross-Platform Approach



JavaScript



CHOOSE A DEV APPROACH FOR YOUR MOBILE APP

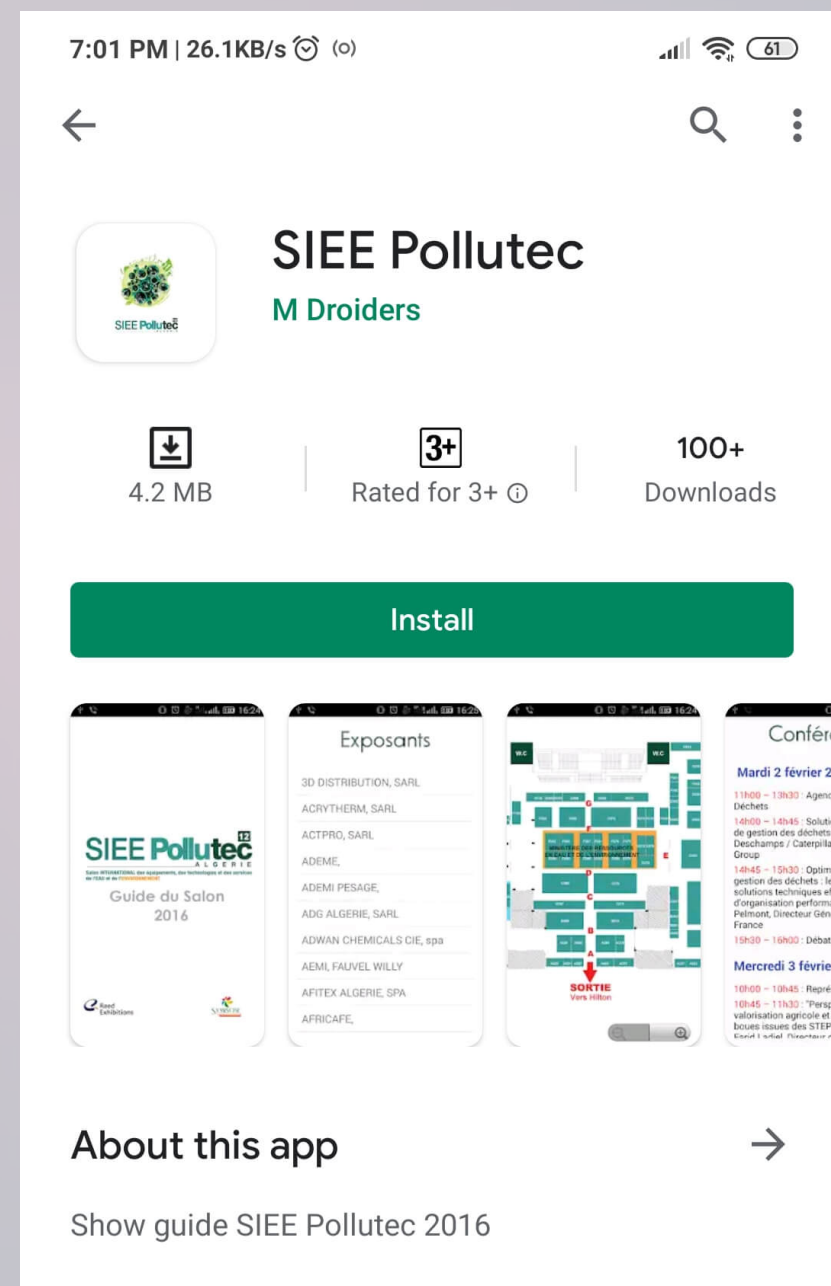


Criteria for selection as a developer

- The Community : how big and active it is ?
- Documentation : how structured it is ?
- Previous programming language experience
- Tutorials and trainings
- Who uses that technology ?

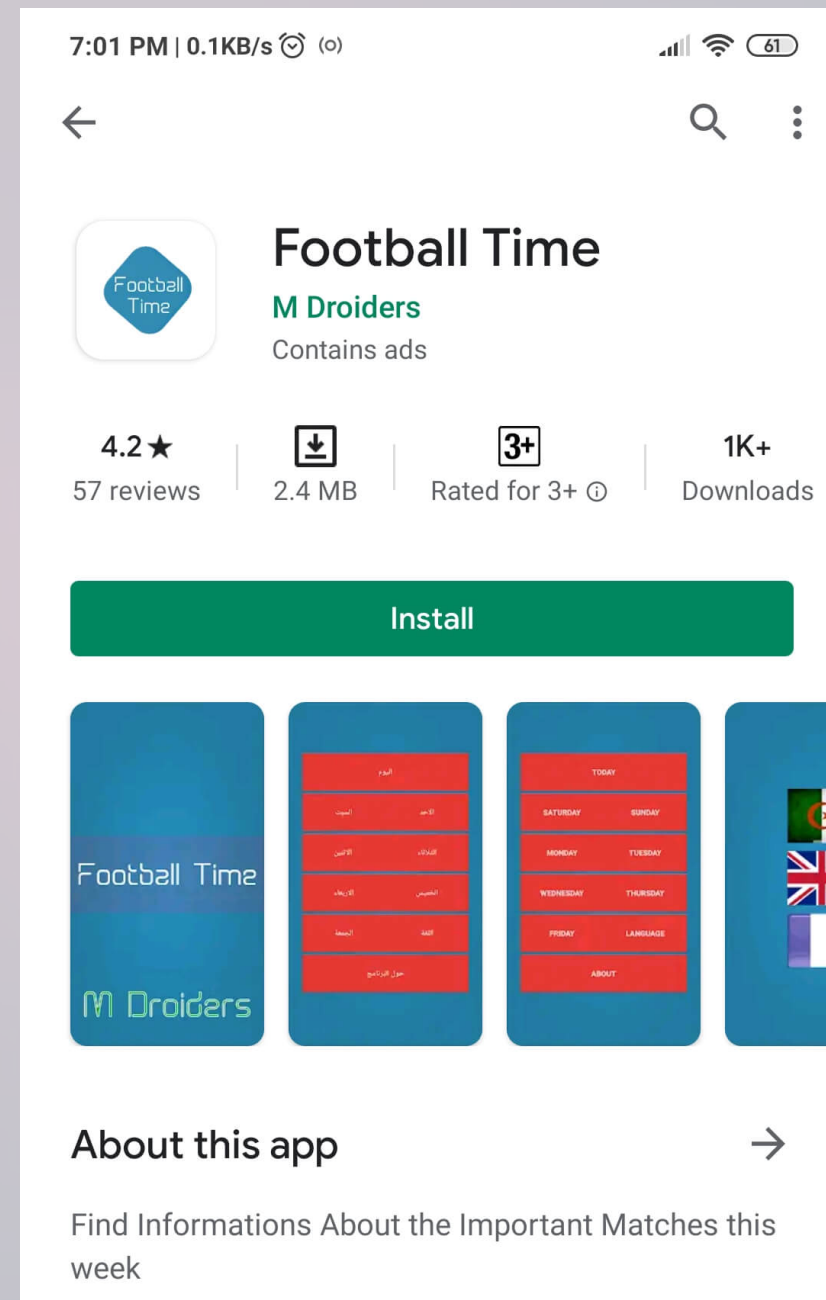


Examples



SIEE POLLUTEC

- Location: Algeria
- Duration: 3 months
- Year: 2016
- Type: Native (Java)



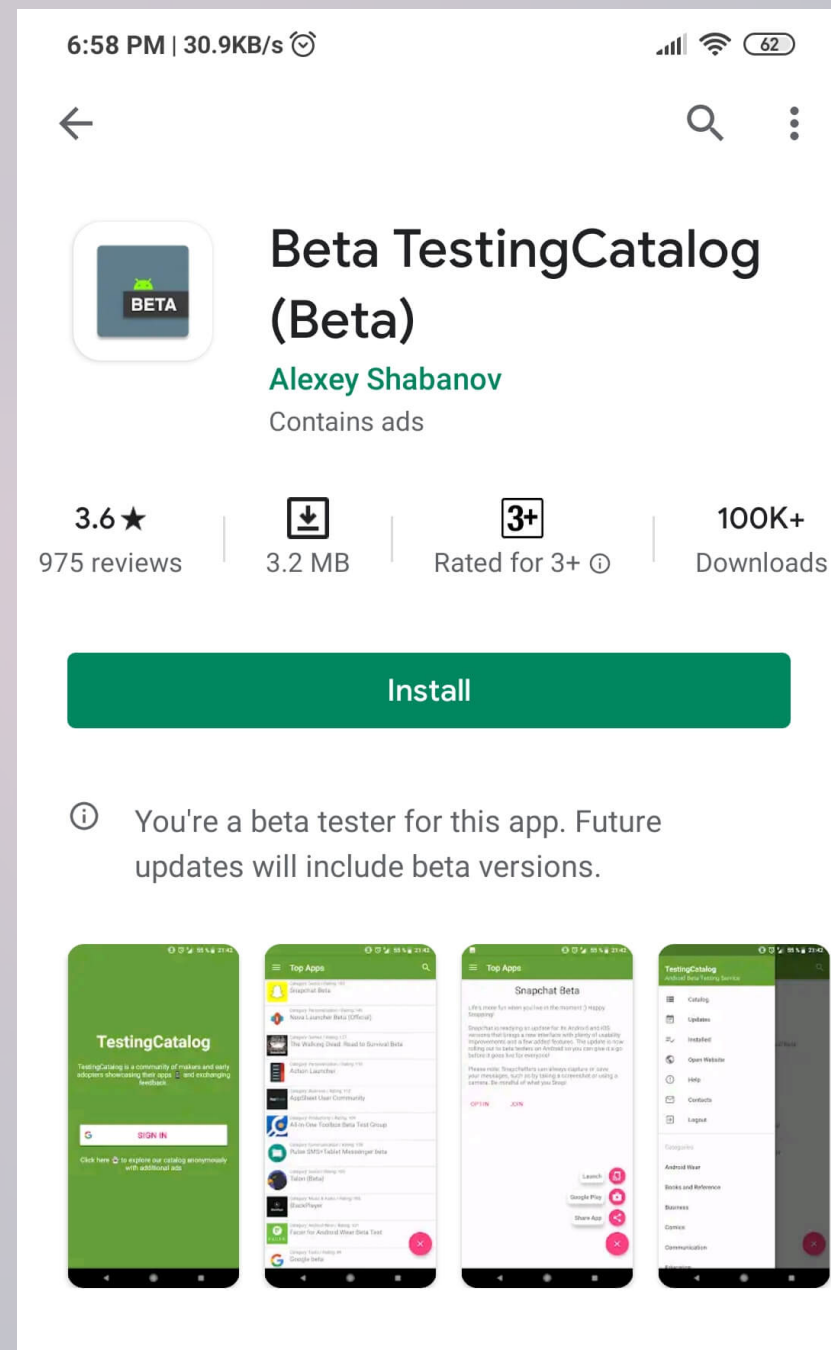
FOOTBALL TIME

- Location: Algeria
- Duration: 2 weeks
- Year: 2016
- Type: Native (Java)



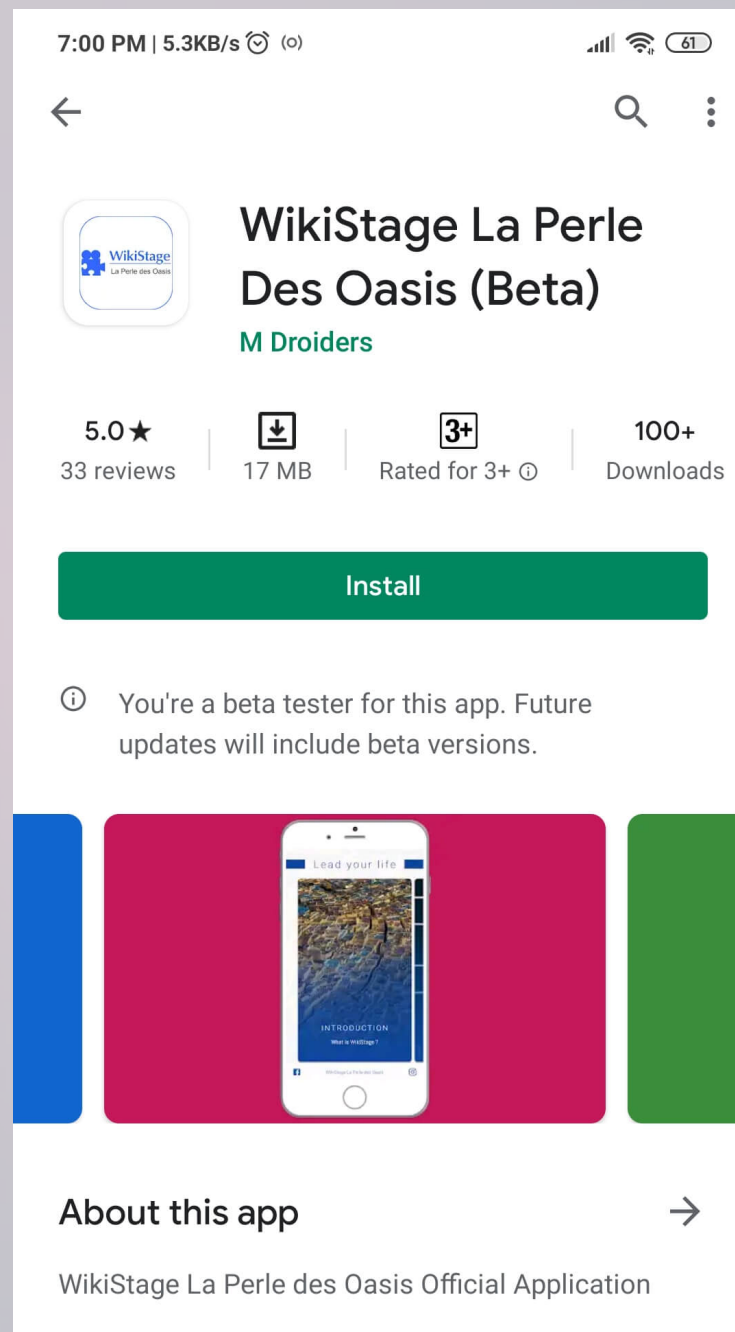
مشروع نير لخدمة الحضر الأسري

- Location: Ghardaia
- Duration: 2 years
- Year: 2016
- Type: Native (Java)



TESTINGCATALOG

- Location: Germany
- Duration: 1 year
- Year: 2017
- Type: Native (Java)



WIKISTAGE LA PERLE DES OASIS

- Location: Ghardaia
- Duration: 2 months
- Year: 2018
- Type: Cross Platform (Flutter)

Q & A

Is Mobile Dev in demand in Algeria ?

Mobile Dev is in demand all around the world, Algeria is not an exception, especially with the rise of startups.

But, will you be ready for that opportunity when the time comes ??

How to find a job as a mobile Dev ?

- **Good basic knowledge with enough practice time**
- **Github:** Developers Portfolio
- **Participate in events:** UI challenges, International hackathons etc
- **LinkedIn:** Well presented profile
- **Extend your network:** with people in the same field

What is the average salary of a mobile application development ?

how to set the price of the app ?

- **Fonctionnalités:** what it does ? does it have DataBase ? is it an urgent project ? etc
- **Check freelance platforms for hints:** salary per hour, similar applications price etc

How to make \$\$ from my Apps ?

- **In-App Ads:** Google AdSense
- **Selling the App:** Freelancing
- **Startup based App:** Providing a service

Conclusion

Conclusion

Any fool can write code that a computer can understand. Good programmers write code that humans can understand.”

– Martin Fowler

THE END



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<https://github.com/Timodz/MyPresentations>

