	GDG Developer Camp 2015
GDG YAOUNDE	At National Advanced School of Posts & Telecommunications of Yaoundé (ENSPT)
	August, 2015
	Agenda of DevCamp
	Day 1: 08/04/2015
3pm-6pm	Android Training: Lesson 1: Create Project with a Simple UI (part 1) Starting by installing Android Studio, you'll create your first project with a simple list-based user interface and built and deploy it to
	virtual and actual devices. You'll also discover what makes mobile - and Android in particular - a unique environment for app
	development.
	Android Studio, Gradle, and debugging tools
3pm-6pm	Life cycle of activity Day 2: 08/05/2015
-pp	Android Training: Lesson 1: Create Project with a Simple UI (part 2)
	User Interface and Layout managers
	ListViews and Adapters Array
5pm-7pm	Day 3: 08/06/2015
	App Engine Training: App Engine Architecture and Optimization
	Life of a Request
	 App Engine Design Principles Hands-On Lab Exercise
	Day 4: 08/07/2015
3pm-7pm	Android Training: Lesson 2: Create New Activities and Navigate Apps with Intents
	Give your app structure and create more complex Activities. You'll learn about Android's Intent framework, and how to use
	Intents to navigate between Activities, both within your app and as a way to add 3rd party functionality.
	App navigation with Explicit Intents Share Intent and the Android charing framework
	Share Intent and the Android sharing framework Day 5: 09/09/2015
8am-10am	Day 5: 08/08/2015 App Engine Training: Managing Your App
	 Admin Console
	 Billing and Quotas
	 SLA and Premium Account Hands-On Lab Exercise
10am-12pm	App Engine Training: User APIs and Authentication
•	OAuth2
	 Configuring Your App's Authentication Hands-On Lab Exercise
1pm-5pm	Coaching & Mentoring Session
	Challenge Time
5pm-6pm	Idea Week Lunch*
Shu-ohu	Day 6: 08/11/2015
3pm-6pm	Android Training: Lesson 3: SQLite databases (part 1)
	Learn how to create databases, use Android's Content Providers to provide an abstraction layer between your data and your
	Ul implementation, and use Loaders to efficiently load stored data.
	SQLite database
	Creating and using a Content Provider as an abstraction layer
	Day 7: 08/12/2015
3рт-6рт	Android Training: Lesson 3: SQLite databases (part 2)
	Creating Adapters "BaseAdapter" to bind UI 'listView ' components to Content Providers Day 8: 08/13/2015
5pm-7pm	App Engine Training: Datastore
эрт-7рт	Basic Concepts
	Datastore internals
	 API Query
	 Index
	Transaction
	Hands-On Lab Exercise
2000 7000	Day 9: 08/14/2015
3pm-7pm	Android Training: Lesson 4: Implement Rich and Responsive Layouts (part 1)
	 Create rich, responsive user interfaces that work across a variety of different hardware types and screen sizes. Fundamental Android design principles
	 Fundamental Android design principles Optimizing tablet UIs using Fragments
	Day 10: 08/15/2015
8am-9am	App Engine Training: Memcache Basics

	Basic concept
	 Add Cloud Backend in Android App
	Create Entity Class and EndPoint Class
	Generation Client API
1pm-3pm	Hands-On Lab Exercise
трш-эрш	Coaching & Mentoring Session
	 Presentation of each project (5/10 min by candidate)
D	• Q/A
3pm-5pm	MTN Startup: #LeanStartup
5pm-6pm	Lunch*
	Day 11: 08/16/2015
9am-12pm	Android Training: Lesson 4: Implement Rich and Responsive Layouts (part 2)
	Custom views
	 Completion of the project with deployment of the application in Google Play.
	Day 12: 08/17/2015
5pm-5:45pm	Code Lab/Android: Profiling GPU Rendering Codelab
	In this codelab you will learn how to turn on Profile GPU Rendering on your mobile device. Profile GPU Rendering gives you
	a quick visual representation of how much time it takes to render the frames of a UI window relative to the 16-ms-per-
	frame benchmark.
6pm-7pm	Code Lab/Android: Unit and UI Testing in Android Studio
	In this codelab, you'll learn how to set up your project in Android Studio for testing, write a Unit Test and run it locally on
	your development machine and also how to do functional UI testing on the device
	Day 13: 08/18/2015
Enm 7nm	
5pm-7pm	Code Lab/Cloud Platform: Google Compute Engine: Compute the Cosmos Use a VM instance to process public astronomical data to generate a viewable image.
	Day 14: 08/19/2015
6pm-7pm	Coaching & Mentoring Session
	Idea - Design - Q/A
	Day 15: 08/20/2015
5pm-6pm	Code Lab/Case Cainer Diagon with Android
Shurohu	Code Lab/Geo: Going Places with Android
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5:30pm-6pm	Code Lab/Android: Visualizing Debug GPU Overdraw Codelab
	In this codelab you will learn how to visualize overdraw on your mobile device by color-coding interface elements based on
	how often they are drawn underneath.
6pm-7pm	Code Lab/Web: Building data-rich web apps with Lovefield
	In this codelab, developers will learn how to build a web application that uses Lovefield as its data query and access layer.
	Day 19: 08/25/2015
5pm-6:20pm	Code Lab/Cloud Platform: Building a gRPC service with Node.js
	In this codelab, you will learn how to build a Node.js service which exposes an API via gRPC. Then you will write a Node.js
	command-line client for your gRPC service.
6:25pm-7pm	Code Lab/Search: Enable Deep Linking to your App
	In this codelab, you'll learn how to get your Android app indexed by Google Search.
	Day 20: 08/26/2015
2pm-6pm	Coaching & Mentoring Session
	Idea - Design - Q/A
	MTN Startup : #PolishWeek

	Day 21: 08/27/2015
5pm-6:20pm	Code Lab/Cloud Platform: node.js: Build a Web App using Google Cloud Platform
	In this codelab, you will learn how to integrate Google Cloud Platform services into a Node.js web application to store data,
	upload images, and authenticate users.
6:20pm-7pm	Code Lab/Web: Web Animations Transitions and Playback Control
	In this codelab, you'll learn how to use the Web Animations API to enhance a single-page HTML website with transitions
	and a scroll effect.
	Day 22: 08/28/2015
5pm-7pm	Code Lab/Unity: Cardboard Unity Codelab
	In this codelab, you'll learn how to add voice interactions to your app with the Voice Interaction API. You'll build a voice-
	powered camera app that responds to the voice command "take a photo" and prompts you for confirmation before taking
	the photo.
	Day 23: 08/29/2015
9am-12pm	Coaching & Mentoring Session
	 Presentation of each project (5/10 min by candidate)
	• Q/A
1pm-4pm	MTN Startup: #SUBMIT
4pm-5pm	Lunch*
5:30pm	End of GDG DevCamp