**A-Z Process steps to Deploy**

**Any New project Mobile Apps**

Define the steps, process and actions necessary to develop any new Mobile Apps from start to End and deploy App to Store.

[A] **Planning & Analysis**:

1. Extract requirements.
2. Describe the intro to App.
3. Description of the App.
4. Scope of the project.
5. Describe/List the added value(s) of this to App.

* Benefits.
* Threats.

1. List all functionality of Apps.
2. Describe the Data flow IN & OUT of Apps.
3. Cost of Apps.
4. Apply and design contract and legal terms (if Applicable) in case specific customer on demand request this Apps.
5. Study the market and Describe What market segment this App will cover relevant to:

* Countries.
* Industry.
* List other Apps competitors worldwide. And apply comparison with your App.
* People & Community.
  + Religion.
  + Language(s).
  + People Age range.
  + Their Trade of interest.
  + People Jobs.
* Mobile:
  + Models (Samsung, Apple, Sony … etc).
  + Software version used (effect play store share segment when install Apps only to specific Mobile version ex: lollipop = 5)
  + Device Type. Different Screen size PX (Mobile, Tablet, … etc) <http://screensiz.es/>

[B] **Design**:

1. Drawing App Individual screens Sketches (Wireframe).
2. Screen sequencing.
3. Apps Screen layout Design.

[B] **Implementation, Development**:

1. Database Schema Design (Documentation)
2. Determine the Input / Output / API’s.
3. Preparing development environment

* Android
* IOS

1. Create/Build Database environment (MY SQL)

* Schema
* Tables
* Relationships
* Constrains

1. Create/Build API’s.
2. Build Apps

* Android
* IOS

1. Create Developer Accounts (First time on Apps Store)

[C] **Testing**:

1. Review the Code, Compression “minimize App Size”, Mechanism.
2. Testing Apps.

* Functionality testing.
* Heavy/pressure testing
* Free of errors & Bugs.
* Use Different Mobile types/models/screens.

1. Soft Launch.

[D] **Deployment**:

1. Release, Publish and deploy the Apps on Play store.
2. Create a profile and Advertise Apps.

[E] **Maintenance & support**:

1. Keep follow up Apps play store user feedback from time.

* Because their issues and feeds could be valuable to solve, update and improve this App.
* Replies to their feedback because they will feel that there is someone care about improve this apps and this will either:
* Increase the rate of this App.
* Or increase number of downloads/subscriber for this App once they see replies and care from creator of App.

1. Keep monitor Apps Analytics from time to time. It will give you more understanding of actual distribution of market segments and wither match with your initial analysis study.
2. Sign operational or maintenance support contract with customer for App. (if Applicable)

**Setup Mobile Apps project**

1. Build Google Drive to store and backup/Sync:

* Design Docs.
* Android Project.
* IOS Project.

1. Use Ninja Mock for the Sketches App screen Design.