iOS build and release done right (FastLane)
Workshop December 2020

INSTRUCTOR: Karim Ebrahem
karimabdelazizmansour@gmail.com

I wanna to thank you for attending this small workshop and hope you learned more new things about FastLane, CircleCI and Bitrise. Please use this knowledge to improve your work process and share with me your insights ;)

Tools summary:

- Ruby Programming Language.
- Rbenv to manage ruby's versions installed on your device.
- iTerm2 terminal client.
- GitKraken as a GUI git client.
- VSCode to easily edit our text files.
- FastLane gem to help us automate iOS repetitive tasks.
- CircleCI and Bitrise as CI/CD cloud server providers for iOS applications.

Commands summary:

- **ruby -v** : Check for your current Ruby programming language version.
- **rbenv install 2.7.2** : Install specific ruby version on your device.
- **rbenv local** : Check for your used Ruby version inside this folder.
- **rbenv local 2.7.2** : Set ruby version to use inside the folder.
- **gem install bundler** : Install bundler version to help us manage our gems inside any project.
- **bundle init** : Setup your Gemfile to start specify your gems version.
- **bundle install** : Install gems specified in your Gemfile.
- **bundle exec pod install** : Use the specific version of Gem using specified Ruby and Gems version in your project folder and Gemfile.

- **bundle exec fastlane {action_name} init** : Init the configuration file for your specified action in FastLane.
    - **bundle exec fastlane match init**
    - **bundle exec fastlane gym init**
- **bundle exec fastlane {lane_name}** : Use the specific lane you wrote in your Fastfile.
- **openssl enc -aes-256-cbc -k "YOUR MATCH PASSPHRASE" -in "CERTIFICATE_ID.p12" -out "CERTIFICATE_ID.new.p12" -a -e -salt** : Use this command to encrypt your certificates and provision profiles to use it with match action.

Thank you :)