



Course Brochure

PHONE GAP

Overview

•This Course introduces Mobile Application Development for the ios platform, Participants with learn to create and deploy ios applications, with particular emphasis on software engineering topics including software architecture, software process, usability and deployment.

Pre-requisites

•HTML, CSS, Java Script

Applications

COURSE CONTENTS

Introduction to Mobile Application

- Different Mobile Platforms / OS
- Growth of Mobile Applications
- Different Mobile Architecture

Native vs. Hybrid Development

- Learn about different development methods
- Learn basics about native development, hybrid development
- Native Vs. Hybrid Vs. Mobile Web
- Advantages and disadvantages

Introducing PhoneGap

- What is PhoneGap?
- How it will work?
- Understand architecture of phonegap application
- Learn advantages and disadvantages

Phonegap Environment Setup

- how to configure iOS development environment
- how to configure Android development environment

HTML & CSS & JavaScript

- Introduction to HTML5, CSS3, JavaScript
- HTML5 tags overview
- HTML5 for mobile development & its advantages
- JavaScript Overview

jQuery Mobile

- Getting Started with jQuery Mobile
- Introduction jQuery Mobile
- Install jQuery Mobile
- HelloWorld Application

jQuery Mobile Pages

- Create SinglePage Application
- Create MultiPage Application
- Page Transitions with jQuery

jQuery Mobile UI Elements

- Buttons
- Popups
- Toolbars
- Navbars

- Panels
- Collapsible
- Tables
- ListViews
- Forms

jQuery Mobile Themes

- Create a Theme
- Apply theme for Application

jQuery Mobile Events

- Touch Events
- Scroll Events
- Orientation Events
- jQuery Page Events

PhoneGap Events

- Basics of events
- learn how to work with phonegap events

Working with PhoneGap API

- How PhoneGap Works?
- Installing and Configuring PhoneGap With iOS
- Installing and Configuring PhoneGap With Android OS
- Working with Events
- Working with API'S
- Working with the Device API
- Working with Network API
- Working with Notifications
- Accelerometer API
- Compass API
- Geolocation API
- Connection API
- Media API
- Camera API
- Local Storage API
- WebSQL
- Contacts API
- Capture API

PhoneGap Application Signing & Publishing

- iOS Device test, Debugging
- Create PlayStore & AppStore Account
- How to prepare your application for submission
- How to publish your application with playStore and AppStore.