

Ionic 1

Learning Outcome:

Understand, develop, and deploy mobile applications using the lonic framework and TypeScript.

Learning Objectives:

- ❖ To understand the purpose of using Ionic
- To develop an Angular project



Outline

- Introduction
- Architecture
- Setup
- CLI
- Practical





IONIC 1

Introduction



Ionic

- Ionic 6 is an open-source UI toolkit that includes over 100 components.
- It works with Angular, React, Vue, and other frameworks.
- It's cross-platform and has an adaptable user interface.
- The stunning open-source platform for creating hybrid mobile apps



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Native vs Hybrid App

Native App

- Proficiency in each platform required
- Entirely separate code bases
- Timely & expensive development

Hybrid App

- HTML5 that acts like native
- Web wrapped in the native layer
- Direct access to native APIs



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Native vs Hybrid App

Native App	Hybrid App
Native apps are platform specific	Hybrid apps are platform independent
Respective development tools	It employs HTML5, CSS3, and JavaScript
Good performance	It has restricted performance
Time consuming apps	it can be produced more quickly than native apps
Expensive app development	Using Capacitor, we can directly access native APIs



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Prerequisite

To get started with Ionic Framework, the only requirement is

- Node
- npm environment.
- Visual Studio Code



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Make today matter



Ionic I - CLI

- To install the CLI: npm install -g @ionic/cli
- To create a project: ionic start projectname template
- To create an angular ionic app: ionic start projectname tabs --type=angular
- To test in a browser: ionic serve
- To see all templates available: ionic start --list



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The End

