

Kickstart the Creation of Your Angular 5 Application

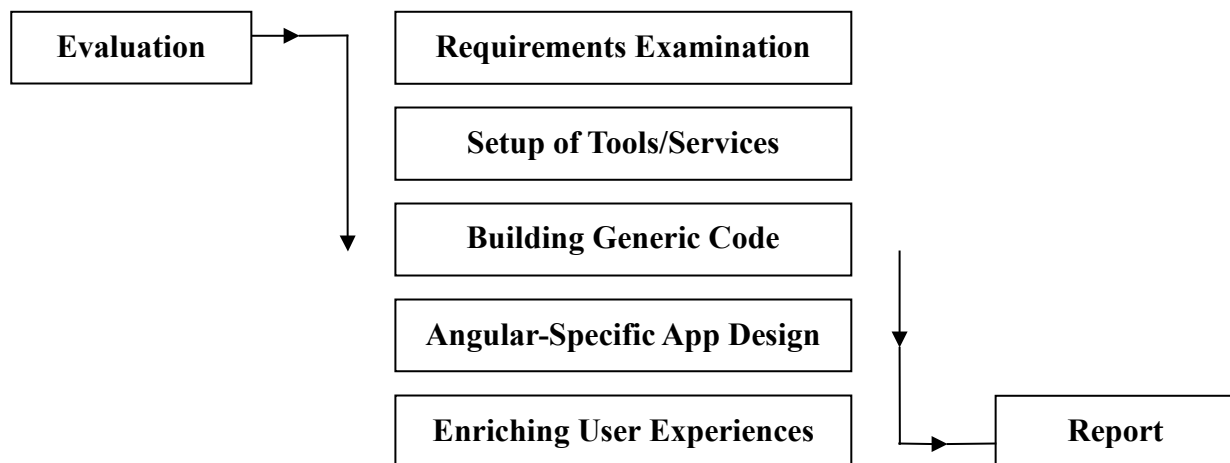
Engaging User Experiences, Layering and Structure, Appropriate Application Models, Tooling and App Service Usage, Dependency Injection, Long-Term Architecture

Overview

Clipcode's structured seven-stage *Angular 5 Application Kickstart* service offering is a 1 to 2 week on-site consultancy engagement that aims to get your Angular project off to a flying start.

Angular is the optimal framework to select as the foundation for enterprise and high-volume consumer web applications. However, Angular is complex with many parts. Often teams can benefit from experienced help at the beginning of a project to get everything up and running quickly and get the dev team on a regular iteration delivery cadence. This kickstart provides just that.

Seven-Stage Strategy



- **Evaluation** – evaluating existing project assets, including existing application codebase (if any, even if in a different language) and automated test suite; existing domain models; engineering documentation; with a view to their applicability to the new Angular app
- **Requirements Examination** – Examining what client is trying to achieve with the new app. Does it make sense? Includes exploring engineering possibilities and what additional Angular layered projects are needed/recommended (e.g. supporting material design using Angular Material)
- **Setup of Tools & External Services** – selection, setup and configuration of project tools for build (production & dev), source control (GIT), product packaging (WebPack) and other development tasks. Use of Angular-CLI to create initial source tree. Deciding on external services e.g. for HTTP, data, SMTP, authentication, etc.
- **Building Generic Code** – Building the non-Angular portions of the project; creating & running test suite; domain model; messaging model; DI
- **Angular-Specific App Design** – For the Angular-specific aspects of the project, creating an outline architecture, definition the major components and implementing the first iteration
- **Enriching User Experiences** – Optimizing the user experience; natural flow of user control, styling, i18n, different devices, navigability, eliminating or minimising error situations
- **Report** – Writing description of all aspects of the engagement and future recommendations

Features & Benefits

Evaluation	Our goal is to leverage existing engineering assets as much as possible (can save time/money). We first look at what we can reuse from pre-existing IP. Teams often do not pay sufficient attention to what assets they already have available to them.
Requirements Examination	The web is a highly competitive marketplace and we need to ensure applications are feature-rich in order to succeed. By adding appropriate functionality in certain areas, we can deliver an excellent app that performs well.
Setup of Tools & External Services	The web platform has a much larger variety of development tools & app services compared to single OS development. By picking/installing/configuring appropriate tools for this project, we guarantee software engineering tasks progress rapidly.
Building Generic Code	A robust domain model ensures sufficient attention is paid the the computational heart of the application. Extensive use of dependency injection simplifies maintenance and further on-going LEGO-like evolution of the project. Where sensible, sharing some code for both client and server.
Angular-Specific Design	Helps the software architect arrive at a suitable architecture for the Angular part of the project, such as selecting a <code>platform-</code> package (recommend <code>platform-browser</code> for most and <code>platform-webworker</code> for the more adventurous). Helps the project manager organise the project and set realistic milestones.
Enriching User Experiences	How end-users experience the application is of paramount importance. Looking at UX for different user populations (newbie, pro user, admin user). By focusing on enhancing the UX in multiple ways we are well on the way to a happy userbase.
Report	Record of what transpired on-site, along with analysis and suggestions.

Target Market

This service offering is aimed at software engineering teams that need to very quickly get Angular 5 development projects established. They should already have completed initial requirements gathering, have a prior knowledge of the project's domain, and now be ready to focus on how to design and implement the application using Angular.

Software Architect from Clipcode

The software architect that Clipcode provides will have a minimum of 10 years software engineering experience (at all levels – developer, technical lead, architect, project manager) – including plenty of [Angular development experience using TypeScript](#).

Who Should Attend From The Client

The client decides which of its people should attend – usually it is 2-6 people and could include the project manager, project technical leads and senior software engineers. All client attendees should be familiar with the project under discussion, and have sufficient background knowledge of Angular.

How to proceed

If you would like to arrange an Angular Application Kickstart on-site in your company's offices, please contact Clipcode below. We need to discuss arrangements further, agree goals and deliverables for the engagement and set a tentative schedule.



www.clipcode.net

If your dev team is starting an important project and needs help, please contact us via email at sales@clipcode.com to discuss how we can be of assistance.