Course Design Document – Basic Angular

1. About the Document:

This design document specifies all the decisions made about the course up to this time, including:

- Purpose of the course
- Intended outcome of the course
- Audience description
- Delivery method(s)
- What to train
    - High-level outline
    - Detailed lesson outlines
- Objectives of each lesson
- Assessments/exercises for each task

2. Purpose of the Design Document:

The purpose of the design document is to obtain agreement with all stakeholders about the vision and plan for the course. These parties include:

- Internal clients (BU SMEs) and reviewers
- Team members (iLD) working on the course
- External clients, if any

3. Sign-off:

At this point, obtaining a sign-off on the design document is important in ensuring agreement on the plan. Once an agreement is secured from key stakeholders work on developing the course materials can begin.

An approved course design document is required to release a course as an official curriculum

Key stakeholders for Design sign-off

- Designated Leader from BU (for BU-developed courses)
- Head of iLD

Contents of a Design Document

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Purpose of the Course:

Get a rock-solid grip on Angular and its latest features covered in our Angular training. Associates undergoing this course will learn Angular from the very beginning, step-by-step from the very fundamentals, all the way to building modern and complex web applications.

Audience Description:

The course is set for all entry-level associates at Intellect. The course is appropriate for associates who begin their career here at Intellect.

Course Objectives:

During this course, the learner will:

- Learn Angular from the fundamentals
- Be enabled to build dynamic & single-page applications (SPAs)
- Create website front-end design

Learning Assessment:

There are assessments included as part of the final assessment after the training completion

Instructional Strategies:

This is an instructor-led in-person/virtual course with multiple illustrations. The following methods will be employed at various places in the course:

- Cases are taken as illustrations
- Facilitator-led discussion
- Common illustration discussions

Media:

The course will utilize the following media

- Slide Presentation/Images/platforms to run scripts

Duration:

This course is divided into 13 blocks, taking approximately 22 hours in total.

- Pre-Training Activity: There is no pre-training activity
- Post-Training Activity: There is no pre-training activity

Course Scope:

The course contains 13 lessons. The lesson brief is given below:

Lesson	Topic List	Delivery Method	Duration	Practice check Method	Annexure
1	Introduction to Angular and Benefits of Angular	Trainer-led session	30 minutes	NA	NA
2	What is TypeScript?	Trainer-led session	30 minutes	NA	NA
3	Components	Trainer-led session	60 minutes	NA	NA
4	Directives	Trainer-led session	60 minutes	NA	NA
5	Pipes	Trainer-led session	60 minutes	NA	NA
6	Web Components	Trainer-led session	60 minutes	NA	NA
7	Forms	Trainer-led session	30 minutes	NA	NA
8	Services	Trainer-led session	45 minutes	NA	NA
9	Dependency Injection	Trainer-led session	120 minutes	NA	NA
10	HTTP Client	Trainer-led session	45 minutes	NA	NA
11	Observables	Trainer-led session	45 minutes	NA	NA
12	HTTP Verbs	Trainer-led session	45 minutes	NA	NA
13	Handling Errors	Trainer-led session	45 minutes	NA	NA

Activities Conducted:

Activity #	Activity	Objective	Duration	Annexure
1	What is TypeScript?	Hands-on	30 minutes	NA
2	Components	Hands-on	60 minutes	NA
3	Directives	Hands-on	60 minutes	NA
4	Pipes	Hands-on	60 minutes	NA
5	Web Components	Hands-on	60 minutes	NA
6	Forms	Hands-on	30 minutes	NA
7	Services	Hands-on	45 minutes	NA
8	Dependency Injection	Hands-on	120 minutes	NA
9	HTTP Client	Hands-on	45 minutes	NA
10	Observables	Hands-on	45 minutes	NA
11	HTTP Verbs	Hands-on	45 minutes	NA
12	Handling Errors	Hands-on	45 minutes	NA

Development Tools

The course was prepared in PPT and edited with video editing tools.

Ownership

The design and development of the course is by iLD Team - Intellect

Course approved by Dr. Vinay Menon – SVP iLD

Course revision from time to time by Ashok T - VP iLD

Approved facilitator:

Development Time

30 man-days (for course creation and editing as per guidelines)

Support Requirements

The course was developed completely by iLD Team - Intellect

Course Sign-off

Approved by:

Date:

Place:

Annexure

Not applicable