JQuery/JSON Level 3 Practice Case Study 2

Course Design Document

Ver 2.2



|  |  |  |  |
| --- | --- | --- | --- |
|  | Prepared By  (*to be updated by SME after updating the Section 1A, 1B, 1C and 1D*) | Development Approval  *(to be updated by the BU Senior Manager or Above)* | Release Approval  *(to be updated by the Product Manager after reviewing Section 1 & 2 and updating Section 3)* |
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| Date | Dec-2014 |  | Dec-2014 |

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# 1. Pre Development Phase

## A. Course Section

i. Course Name and Objective

This section lists the course name, objective (at a higher level), course duration, and the course level.

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Name** | **Course Objective** | **Course Level**  **( Learner / Practitioner/Specialist )** | **Duration**  **(Hrs)** |
| JQuery/JSON Level 3 Practice Case Study 2 | The associates will be provided with a problem statement with concrete requirements. They are expected to develop a project to implement the requirements within the provided time interval JQuery Basics   1. JQuery Basics 2. Selectors, Filters & Traversing 3. Manipulating HTML Elements & Attributes 4. Event Handling 5. Helper functions and Callback functions 6. JQuery Effects 7. JQuery AJAX 8. JQuery Plugins 9. JSON | Practitioner | 4 |

ii. Learning Methods

This section helps you to identify the different learning methods that would be implemented for imparting the training.

| **SNo** | **Learning Method** | **Offshore**  **(Yes / No)** | **Onsite**  **(Yes / No)** |
| --- | --- | --- | --- |
| **1.** | **Live – Face to face** |  |  |
| 1.1 | ILT – Classroom |  |  |
| 1.2 | ILT – Virtual Classroom |  |  |
| 1.3 | Workshops / Labs | YES | ***YES*** |
| 1.4 | On the Job Assignments |  |  |
| **2.** | **Virtual Collaboration** |  |  |
| 2.1 | Web based E-Learning |  |  |
| 2.2 | Audio – Podcasts, Audio Books |  |  |
| 2.3 | Self-Paced Learning |  |  |
| 2.4 | Video – VBT, CBT |  |  |
| ***3.*** | ***References*** |  |  |

iii. Pre-Requisites (Courses, Certifications & Competencies)

This section helps you to list the relevant competencies for the courseware along with the proficiency levels as per the ELM requirements.

Prerequisite Courses, Certification and HCM Competency

| **Pre-Requisite** | | |
| --- | --- | --- |
| 1. **Course Names (along with Course Codes) and Certifications ( External and Internal)** | | **Mandatory / Recommended** |
| **1.** | |  |
| **2.** | |  |
| **3.** | |  |
| 1. **Prerequisite HCM Competency** | **Proficiency Level**  **(Learner/Practitioner/Specialist)** | **Mandatory / Recommended** |
| 1. **Java script** | **Practitioner** |  |
| **2.** |  |  |
| **3.** |  |  |
| **Note:**  Click the link - [https://channelone/sites/Shared Workspace/ALA/Course Master List/Forms/AllItems.aspx](https://channelone/sites/Shared%20Workspace/ALA/Course%20Master%20List/Forms/AllItems.aspx) and open the file **Learning Catalog Master (LCM\_vN.NN)**.   * Refer to the different **‘Catalog’** sheetsfor the complete list of Courses and Certifications along with their Codes. * Refer to the ‘**HCM Competency Master’** sheet for the complete list of HCM competencies. | | |

iv. Course Competencies

***(****If this section has already been updated in the Requirements Tracking Document (RTD), the following table need not be updated.)*

|  |  |
| --- | --- |
| **ELM Requirement** | |
| **List the HCM Competencies & Proficiency Level of this course** | |
| **HCM Competency** | **Proficiency Level**  **(Learner/Practitioner/Specialist)** |
| **JQuery** | **Practitioner** |
|  |  |

**Note:**

Click the link - [https://channelone/sites/Shared Workspace/ALA/Course Master List/Forms/AllItems.aspx](https://channelone/sites/Shared%20Workspace/ALA/Course%20Master%20List/Forms/AllItems.aspx) and open the file **Learning Catalog Master (LCM\_vN.NN)**. Refer to the ‘**HCM Competency Master’** sheet for the complete list of HCM competencies.

v. RLO Objectives and Names

This section lists the RLO (module) objectives and names for the course.

| **#** | **RLO Objectives** | **RLO Name** | **Theory Duration**  **(Hrs)** | **Hands-on Duration**  **(Hrs)** | **Learning**  **Method(s)** |
| --- | --- | --- | --- | --- | --- |
| 1 | The associates will be provided with a problem statement with concrete requirements. They are expected to develop a project to implement the requirements within the provided time interval   1. Jquery Basics 2. Selectors, Filters & Traversing 3. Manipulating HTML Elements & Attributes 4. Event Handling 5. Helper functions and Callback functions 6. Jquery Effects 7. Jquery AJAX 8. Jquery Plugins 9. JSON | JQuery/JSON Level 3 Practice Case study 2 |  | 4 | Workshop/Lab |

Note: Please add/delete rows as applicable

vi. RIO Objectives and Names

This section lists the RIO (**chapter**) objectives and names for the course. ***(Each session will be of two hours.)***

| **Session #** | **RIO Objective** | **RIO Name** | **Learning Method(s)** | |
| --- | --- | --- | --- | --- |
| **2 HR Each** | **Offshore** | **Onsite** |
| 1 | The associates will be provided with a problem statement with concrete requirements. They are expected to develop a project to implement the requirements within the provided time interval   1. JQuery Basics 2. Selectors, Filters & Traversing 3. Manipulating HTML Elements & Attributes 4. Event Handling 5. Helper functions and Callback functions 6. Jquery Effects 7. Jquery AJAX 8. Jquery Plugins 9. JSON | JQuery/JSON Level 3 Practice Case study 2 | Workshop/Lab | Workshop/Lab |

Note: Please add or delete rows as per requirements.

vii. Deliverable for Each Learning Method

This section lists the different types of deliverables applicable for each learning method.

| **SNo** | **Learning Method** | **Deliverables** | **Applicable**  **(Yes / No)** |
| --- | --- | --- | --- |
|  | **ILT – Classroom and Virtual Classroom** | Session Plan | **No** |
| Presentations | **NO** |
|  | **Workshops / Labs** | Hands-on Exercise Document | **YES** |
| Case Study | **NO**  **YES** |
| Model Solutions for Hands on exercise / Case Study |
|  | **On the Job Assignments** | OJT Activities and Milestone(s) Tracking Document | **No** |
|  | **Web based E-Learning** | E-Learning Modules | **No** |
|  | **Audio – Podcasts, Audio Books** | Podcasts | **No** |
| Audio Books | No |
|  | **Self Paced Learning** | List of Learning Activities | **No** |
|  | **Video – VBT, CBT** | VBT Modules | **No** |
| CBT Modules | No |
|  | **Digital Library** | Reference list of topics in digital library | **No** |
|  | **Assessments \*** | CCP Exam | **Yes** |
| Pre Test | No |
| Post Test | No |
|  | **References** | | **Yes** |

***\* Update sub-section VIII if Assessment section is ‘Yes’***

viii. Learning Materials for Assessment

This section lists the learning materials such as Baselined Courses, Books, Manuals, and Web Links that are required to prepare for an assessment.

| **SNo.** | **Baselined Course / Book / Manual / Web Link / Other** | **Name**  **(update here)** | **Availability**  **(Location of the material)** |
| --- | --- | --- | --- |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |

## B. Learner Section

i. Target Audience

This section helps you to identify the target audience for the course. Typically, the target audience can be classified into three categories based on the role of an Associate.

| **Category** | **Audience** | **Applicable**  **(Yes / No)** |
| --- | --- | --- |
| **Category 1** | | |
|  | Business Analyst | No |
|  | Technical Analyst | Yes |
|  | Programmers, PA, PAT | Yes |
|  | Jr Executive, Associates | Yes |
|  | Consultant | No |
| **Category 2** | | |
|  | Asst Mgr (Buss Dev & Projects) | Yes |
|  | Senior Associates, Senior Business Analysts | Yes |
|  | Senior Consultant | No |
| **Category 3** | | |
|  | Manager Projects | No |
|  | Senior Manager Projects | No |
|  | Principal Consultant | No |
|  | Senior Management folks | No |

ii. Learner Profile

This section captures additional information for the learner which will help the learner to take up the course.

* **Years of Experience in specific Technology / Domain :**
* **Other :**

## C. Trainer Section

i. Trainer’s Skill-set (Mandatory)

This section captures the Skill-set of the trainer.

**Technical/Domain/Behavioral Skill-set**

| **#** | **Competency Area** | **Proficiency Level (1-Learner/ 2 / 3 / 4 /5-Guru)** | **Years of Experience** |
| --- | --- | --- | --- |
| 1 | Java /J2EE | 2 | 2 |
| 2 | Java script | 2 | 2 |
| 3 | JQuery | 2 | 2 |
| 4 |  |  |  |

ii. Vendor Certification (if required)

iii. Additional Information

This section captures any additional information required to conduct the course.

## D. Infrastructure Section

i. Hardware, Software Specification

This section captures the hardware and software specifications for the effective delivery of the course.

1. **Hardware Specification**

|  |  |
| --- | --- |
| Server Specification | Windows 7 - 32bit  4GB RAM |
| Desktop / Client Specification | Admin Rights |

1. Software Specification

| **#** | **Name of the software (s) to be installed** | **Version** | **License available in RAMS?**  **(Yes/No)** | **License available in RAMS for onsite?**  **(Yes/No)** | **Description of any patch to be installed** | **Can be used through Tool Wire / SoftGrid?** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | JDK | 7.0 | Yes | Yes |  | Yes |
| 2 | SDE 7.0 | 7.0 | Yes | Yes |  | Yes |
| 3 | Tomcat 6.0/7.0 | 6.0/7.0 | Yes | Yes |  | Yes |
| 4 | MySQL Workbench | 6.0.8 | Yes | Yes |  | Yes |
| 5 | Netbeans 6.9.1- Complete Installation (Including Derby database and Tomcat Server) | 6.9.1 | Yes | Yes |  | Yes |
| 6 | Eclipse | 3.6 | Yes | Yes |  | Yes |
| 7 | Google Chrome | chrome | Yes | Yes |  | Yes |
| 8 | Mozilla Firefox | 3.6 and above | yes | yes | - | yes |
| 9 | Plugins – jQuery | 1.11.1.min.js | yes | yes | - | yes |
| 10 | Notepad++ | - | yes | yes | - | yes |

Instruction for installing the software in the “Tool Wire/SoftGrid” environment *(if the response is ‘Yes’ in the last column in the above table)*:

| # | Name of the software | Instruction |
| --- | --- | --- |
| 1 | jquery-1.11.1.min.js | https://jquery.com/download/ |

Installation Details:

Refer the below link for JDK and JRE installation :

<http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase6-419409.html>

Refer the below link for SE download and installation :

<https://gto.cognizant.com/javacoe/SitePages/SDEDownload.aspx>

Test Cases to check the installed software’s:

# 

# 2. Development and Delivery Challenges

|  |  |
| --- | --- |
| **Dependencies**  *Example:*  *1. Content reviews to be held with Senior Management.*  *2. Take the help of C & DS team for the ppt. In addition, the project team (for whose customer the training is to happen) needs to do the following:*  *3. provide inputs for customization,*  *4. carry out reviews on the content and*  *5. identify and provide trainers for delivering the session* | <Mention any dependencies for this development> |
| **Risks**  *Example:*  *1. Requirements for every client will vary; we need to check how the generic content will work*  *2. Audiences will vary i.e., from the Client side sometimes we need to train CXO level people, sometimes it might be SMEs and developers.*  *3. Extent of customization might be high depending upon the client* | <Mention the risks and the mitigation plan here> |
| **Assumptions**  *Example:*  *Release Planning: integration/build related activities could vary from project to project based on the technology, Although the concepts can be explained in a technology agnostic way, project related examples around these areas might centre around a technology area.* | <Include any assumptions that you may consider for this development> |
| **Issues**  *Example****:***  *If Laptops are not going to be available in the session, we can have small exercises covered during ILT. Doing case study in offline mode might be very challenging* | <Include any other issues that may impact the development> |

# 3. Pre Release Checklist

| **Requirement** | **Yes / No / NA** |
| --- | --- |
| \* Pilot testing required | yes |
| List of the Trainers for conducting this training is available | Yes |
| \*\* Trainer Profile available | yes |
| \*\* Session plan for trainer available | yes |
| \*\* Participant Profile available | yes |
| \*\* Model solution to the Case Studies ( if any) is available | Yes |
| \*\* Model solution to the Hands-on Exercises ( if any) is available | NA |
| Course information summary available |  |
| Workshop facilitation instructions available |  |
| \*\* Infrastructure details available for onsite and offshore | yes |
| \*\*\* Any additional inputs if External Trainer is used to execute this course | yes |
| Content meets course objectives and has right balance between concepts and experience sharing (examples) | Yes |

***\*\*Indicates Mandatory Component.***

***Course will be released only on the availability of all the mandatory components. Any exception will have to be approved by BU approver and Academy approver.***

\*Pilot Testing Feedback and Action Taken

|  |  |  |
| --- | --- | --- |
| **#** | **Feedback** | **Action Taken** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

\*\*\*Inputs for External Trainer:

*<Include the instructions for the external trainer here>*