

## Instruction Sheet for the Candidate

<b>Qualification</b>	Back-end Developer ( <b>Mobile App, Web and Game Development</b> )	
<b>Competency Standard</b>	Integrate Template Engine with MVC Application	
<b>Purpose of Assessment</b>	Formative Assessment	
<b>Candidate Details</b>	Name_____	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b> <ul style="list-style-type: none"><li>• Search the template engines</li><li>• Select the template engine for application</li><li>• Install the template engine with MVC application</li><li>• Configure the template engine</li><li>• Create template files for application</li><li>• Test the functionality of template engine</li></ul>	
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to:	

<b>Minimum Evidence Required</b>	<p><b>Search the template engines</b></p> <ol style="list-style-type: none"> <li>1. Search the available template engines</li> <li>2. List the features offered by every engine</li> </ol> <p><b>Select the template engine for application</b></p> <ol style="list-style-type: none"> <li>1. Compare the features offered by template engines</li> <li>2. Select the template engine as per application requirements</li> </ol> <p><b>Install the template engine with MVC application</b></p> <ol style="list-style-type: none"> <li>1. Download suitable template engine</li> <li>2. Install the engine in the application environment</li> <li>3. Adjust anti-virus and firewall to allow working of template engine</li> </ol> <p><b>Configure the template engine</b></p> <ol style="list-style-type: none"> <li>1. Identify the template files to be used by template engine</li> <li>2. Configure the template engine as per application needs</li> </ol> <p><b>Create template files for application</b></p> <ol style="list-style-type: none"> <li>1. Create the template files to be used by template engine</li> <li>2. Host the template files in appropriate folder where template engine suggests</li> </ol> <p><b>Test the functionality of template engine</b></p> <ol style="list-style-type: none"> <li>1. List test cases for template engine</li> <li>2. Execute test cases</li> <li>3. Fix the bugs if found</li> </ol>
----------------------------------	---

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Back-end Developer ( <b>Mobile App, Web and Game Development</b> )
<b>Competency Standard</b>	Integrate Template Engine with MVC Application
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Search the template engines</li> <li>• Select the template engine for application</li> <li>• Install the template engine with MVC application</li> <li>• Configure the template engine</li> <li>• Create template files for application</li> <li>• Test the functionality of template engine</li> </ul>

I can.....

Performance Criteria	Yes	No
1. Search the available template engines	<input type="checkbox"/>	<input type="checkbox"/>

2. List the features offered by every engine	<input type="checkbox"/>	<input type="checkbox"/>
3. Compare the features offered by template engines	<input type="checkbox"/>	<input type="checkbox"/>
4. Select the template engine as per application requirements	<input type="checkbox"/>	<input type="checkbox"/>
5. Download suitable template engine	<input type="checkbox"/>	<input type="checkbox"/>
6. Install the engine in the application environment	<input type="checkbox"/>	<input type="checkbox"/>
7. Adjust anti-virus and firewall to allow working of template engine	<input type="checkbox"/>	<input type="checkbox"/>
8. Identify the template files to be used by template engine	<input type="checkbox"/>	<input type="checkbox"/>
9. Configure the template engine as per application needs	<input type="checkbox"/>	<input type="checkbox"/>
10. Create the template files to be used by template engine	<input type="checkbox"/>	<input type="checkbox"/>
11. Host the template files in appropriate folder where template engine suggests	<input type="checkbox"/>	<input type="checkbox"/>
12. List test cases for template engine	<input type="checkbox"/>	<input type="checkbox"/>
13. Execute test cases	<input type="checkbox"/>	<input type="checkbox"/>
14. Fix the bugs if found	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_ Assessor's Signature \_\_\_\_\_

Date: \_\_\_\_\_



## Observation Checklist

<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Search the template engines</li> <li>• Select the template engine for application</li> <li>• Install the template engine with MVC application</li> <li>• Configure the template engine</li> <li>• Create template files for application</li> <li>• Test the functionality of template engine</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Search the available template engines			
2.	List the features offered by every engine			
3.	Compare the features offered by template engines			
4.	Select the template engine as per application requirements			
5.	Download suitable template engine			
6.	Install the engine in the application environment			
7.	Adjust anti-virus and firewall to allow working of template engine			
8.	Identify the template files to be used by template engine			
9.	Configure the template engine as per application needs			
10.	Create the template files to be used by template engine			
11.	Host the template files in appropriate folder where template engine suggests			
12.	List test cases for template engine			
13.	Execute test cases			
14.	Fix the bugs if found			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Back-end Developer ( <b>Mobile App, Web and Game Development</b> )
<b>Competency Standard</b>	Integrate Template Engine with MVC Application
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<p><b>COMPETENT</b> <input type="checkbox"/>                      <b>NOT YET COMPETENT</b> <input type="checkbox"/></p> <p>Name of the Assessor: _____</p> <p>Assessor's code: _____</p> <p>Signature of the Assessor: _____</p>

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

	<b>Questions</b> (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	<b>Satisfactory</b>	<b>Not Satisfactory</b>
1.	Name any two open source PHP template engines.   		
2.	What is a template engine used for?   		
3.	Which domain is mostly used for template processing?   		

--	--	--	--

<b>Feedback to the Candidate</b>	
<b>Candidate's Signature</b> _____	<b>Assessor's Signature</b> _____