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# SOFTWARE DESIGN REVIEW

eVET (ONLINE VOCATIONAL  
EDUCATION AND TRAINING  
PLATFORM)

Project Number | 2017-1-TR01-KA202-046541



**Project Coordinator**

The Governorship of Istanbul

*GOI*



**Partners**

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*MARCONI*

Ortakoy Zubeyde  
Hanim Mesleki ve  
Teknik Anadolu  
Lisesi

*OZHMTAL*





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## Revision History

Name	Date	Reason For Changes	Version
Birgül Kutlu Bayraktar	30.4.2018	Created	1.0
Birgül Kutlu Bayraktar, Meltem Ozturan, Mustafa Gulsoy, Aysun Bozanta, Baris Cimen	7/27/2018	Updated during WP3-Design	2.0

## Reference

Adapted from Karl E. Wieggers, 2001. Permission is granted to use, modify, and distribute.

Retrieved from:

[http://www.cs.toronto.edu/~sme/CSC340F/2005/assignments/inspections/reqts\\_checklist.pdf](http://www.cs.toronto.edu/~sme/CSC340F/2005/assignments/inspections/reqts_checklist.pdf)

## Checklist for Software Design Review

Structure	Y/N/NA	Comment
Does the architecture allow for implementation of all of the requirements?	Y	
Has the architecture been adequately decomposed?	Y	
Have the system functions been appropriately allocated to components?	Y	
Does the architecture provide an adequate base for subsequent design work?	N	Suggestion is to insert a detailed guide on system and platform for non registered user
Is the architecture feasible for implementation?	Y	
Have maintainability issues been adequately addressed?	Y	
Can the program set be integrated and tested in an incremental fashion?	Y	
Is the pseudocode or other representation format consistent in its level of detail?	Y	
Correctness	Y/N/NA	Comment
Does the architecture avoid unnecessary redundancy?	Y	
Have all reliability and performance requirements been addressed?	N	Before resetting password a password-suggestion sentence could be implemented to permit user to remember password
Have all security considerations been addressed?	Y	
Does the architecture consider all existing constraints?	NA	No constraints has been defined in SRS.
Are all necessary, and only the necessary, data structures defined?	Y	
Will the proposed architecture satisfy all specified quality attributes and performance goals?	NA	All quality attributes and performance goals are related to

		implementation not design.
<b>Standards and Traceability</b>	<b>Y/N/NA</b>	<b>Comment</b>
Have all architecture standards been followed?	Y	
Can all parts of the architecture be traced back to requirements?	Y	
Are standard, not proprietary, components being used wherever possible?	Y	

<b>Logic</b>	<b>Y/N/NA</b>	<b>Comment</b>
Is there any missing or incomplete logic?	N	
Are all possible states or cases considered?	N	Same consideration on password suggestion
<b>Interfaces</b>	<b>Y/N/NA</b>	<b>Comment</b>
Are all interfaces clear and well-defined?	Y	
Is the minimum data passed at each interface?	Y	
Is minimum global system data added or impacted?	Y	
<b>Clarity</b>	<b>Y/N/NA</b>	<b>Comment</b>
Is the architecture, including the data flow, control flow, and interfaces, clearly represented?	Y	
Are multiple representations of the design consistent with each other?	Y	
Are all of the decisions, dependencies, and assumptions for this design documented?	Y	
<b>Data</b>	<b>Y/N/NA</b>	<b>Comment</b>
Are global constants and passed data parameterized?	Y	
Has all the data been properly defined and initialized?	Y	
Are data structures and element names meaningful and compliant with naming conventions?	Y	
Is all defined data used?	Y	
Do the data element names and types conform to the project data dictionary?	Y	
Are defaults used, and are they correct?	Y	
<b>Standards and Traceability</b>	<b>Y/N/NA</b>	<b>Comment</b>
Have all design standards been followed?	Y	



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Does the human interface follow project standards?	Y	
Can all parts of the high-level design be traced back to requirements?	Y	

## Review Checklists

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

Checked By : \_\_\_\_\_

Signature :