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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



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MARCONI

Ortakoy Zubeyde
Hanim Mesleki ve
Teknik Anadolu
Lisesi

OZHMTAL



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

Checklist for Software Design Review

| Structure | Y/N/NA | Comment |
|------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------|
| Does the architecture allow for implementation of all of the requirements? | | |
| Has the architecture been adequately decomposed? | | |
| Have the system functions been appropriately allocated to components? | | |
| Does the architecture provide an adequate base for subsequent design work? | | |
| Is the architecture feasible for implementation? | | |
| Have maintainability issues been adequately addressed? | | |
| Can the program set be integrated and tested in an incremental fashion? | | |
| Is the pseudocode or other representation format consistent in its level of detail? | | |
| | | |
| Correctness | Y/N/NA | Comment |
| Does the architecture avoid unnecessary redundancy? | | |
| Have all reliability and performance requirements been addressed? | | |
| Have all security considerations been addressed? | | |
| 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? | | |
| 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. |
| | | |
| Standards and Traceability | Y/N/NA | Comment |
| Have all architecture standards been followed? | | |
| Can all parts of the architecture be traced back to requirements? | | |
| Are standard, not proprietary, components being used wherever possible? | | |

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



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Review Checklists

Check Date : _____

Checked By : _____

Signature :