Concordia University

SOEN 6471: ADVANCED SOFTWARE ARCHITECTURES

iCare



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Professor: Pankaj Kamthan

 $Repo: \ https://github.com/ReddyAravindAru/SOEN6471-ICARE.git$

1 CHECK LIST FOR EVALUATION

Criteria	Questions/metrics	Importance	Review
Stakeholders	Are the stakeholders of the description defined and who are they.	5/6	Yes, stakeholders are defined clearly a number of additional stakeholders are added that could be out of scope of the project
Purpose	Is the purpose of the description defined in relation to the stakeholders?	5/6	The purpose of the project is defined within the stakeholders needs. However, no stakeholder description is provided.
Suitability for the stakehold- ers	 Does the description provide the stakeholder with the desired knowledge? Does the description relate to problem? Is a practical reason for the information evident? 	2/3	"The description is clear overall. There are additional stakeholders mentioned that could be outside the intended proof of concept. Yes, there has been concerns added that brings questions from the stakeholder point of view."
Usage	Frequency of use, Number of users, Variety of users	5/5	"Description is used throughout the document. The description is intended for a large number of users. A variety of users with different backgrounds and functional areas will be users. There will be an understanding barrier of the description if not used properly."
Scope and focus	Scope: Is it defined what part of reality will be described(e.g. only primary processes) Aspects: Is it defined what aspects will be described? The level of detail: Is it defined what level of detail	4/4	Primary processes and functions have been the focus. Suitable aspects and viewpoints selected and described. A high level of detail has been described in the documentation that answers many aspects in this literature.
Currency of EA description	 Does the information reflect the current enterprise? Number and scope of architectural effects having projects carried out after the EA description have been produce 	3/3	Yes, it is very close to the current enterprise so- lutions and needs in the health sector. No changes have been made. The current literature is recent and updated

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required viewpoints: The degree to which description addresses each re-	Consistency		2/2	Yes it has addressed all
degree to which description addresses each re-	Consistency		<i>31 3</i> 	
tion addresses each re-				are publicos ficcus givell
		quired architectural view-		

Criteria	Questions/metrics	Importance	Review
conformance	Does the presentation of	3/3	The description follows
to corporate	the description conform		the industrial standards
standards	to the corporate stan-		of documentation.
	dards (if any) for such		
	documents?.		
Intuitiveness	Does the description have	3/4	The presentation is done
of the pre-	an intuitive structure for		in a way where it is easy
sentation	the stakeholder?		to understand.
Definition	Does the description have	4/4	Glossary has been pro-
of Nota-	an intuitive structure for		vided and everything is
tion and	the stakeholder? What is		clearly explained regard-
structure	this intuitive structure?		ing the notations
Clarity of	Are the terms and con-	4/4	The vocabulary used is
vocabu-	cepts used known by the	17 1	easy to understand and
lary and	stakeholder?		and clarity is present in
standards			the concepts explained
Information	Is there too much infor-	3/4	The information pro-
complexity	mation included in the	3, 1	vided is vague and
1	model?		there's some ambiguity.
Visual Com-	Proximity: Are the re-	4/4	Proximity: Yes the related
plexity	lated objects placed near	17 T	entities are closed placed
Promoty	to each other in a model?		and connected. Clo-
			sure: Yes similar ob-
			jects are represented in
			same shapes like rectan-
			gles, oval shaped enti-
			ties which is consistent
			through out the docu-
			ment which helps in read-
			ability. Similarity: Yes,
			actors are represented in
			the same way everywhere
			like wise modules, pro-
			files, servers and the con-
			nections between entities.
			Common fate: All user
			functionality is clearly de-
			fined like wise to the
			other stake holders so it is
			clear that functionality is
			different from each other.
Maintenance	Ownership, Maintenance	7/10	The document can be eas-
of Docu-	practise, maintainability	// ==	ily updated but there is
mentation	of documentation		no format on revision or
			version dates specified. I
			feel with the inclusion of
			version formatting com-
			pletes the document for
			better maintainability.
Cost effec-	Cost , Amount of Docu-	9/10	It takes very less time to
tiveness	mentation	<i>y, ==</i>	update the views part or
			add models to the archi-
			tecture as all the views
			and processes are clearly
			separated and easy to
			modify the parts.
			mounty are parts.

RESPONSIBILITIES

Criteria	Questions/metrics	Importance	Review
Architectural	Architecture framework	2/3	Yes, Examples have been
frameworks	(for EA and for SA):		provided but they don't
and views			encompass the whole/
			most relevant parts of the
			system
Tools sup-	Support for organisa-	5/6	Yes, the team has used
port	tion's framework and		git hub as there primary
_	viewpoints		repository and for the
	_		purpose of communica-
			tion google docs has been
			used

2 **ROLES** AND

Criteria Reviewers Stakeholders, Purpose, Suitabil-Zaid ity for the stakeholders, Usage, Scope and focus Currency of EA descrip-Saikiran Alagatham tion, Correctness of Information, Currency of SA description, Correctness of EA, Correctness of SA EA completeness, Sufficiency/ ManiDeep Chandana completeness, Consistency, Conformance to corporate standards, Intuitiveness of the presentation DVSP Hemanth Definition of the notation and structures, Clarity of the vocabulary and concepts, Information complexity, Visual complexity Maintenance of documentation, Aravind Reddy Cost effectiveness, Architectural framework and views, Tools support