Architecture Characteristics Worksheet

System/Project: all stuff no cruft
Domain: gestion/administracion/comunicacion
Architect/Team: Daniel Elias Diego ramirez Andres Parada Daniel velasquez
Date: 5/30/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others: portabilidad

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
☐	1. seguridad	feasibility (cost/time)
☐	2. elasticidad	security
☐	3. portabilidad	maintainability
☐	4. adaptabilidad	observability
☐	5. disponibilidad	
☐	6. concurrencia	Others Considered
☐	7. responsivo	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: agile dead trees
Domain: educacional
Architect/Team: Diana,Oscar,Eddie,Julio
Date: 20/05/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others:

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
☐	1. maintainability	feasibility (cost/time)
☐	2. extensibility	security
☐	3. scalability	maintainability
☐	4. availability	observability
☐	5. data integrity	
☐	6. adaptability	Others Considered
☐	7. fault tolerance	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: Agile Dead Trees
Architect/Team: Javier, Mar, Paola
Domain: Educacion
Date: 30/05/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others: _____

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
☐	1. Seguridad	feasibility (cost/time)
☐	2. Disponibilidad	security
☐	3. Rendimiento	maintainability
☐	4. Integridad de datos	observability
☐	5. Escalabilidad	
☐	6. Consistencia de datos	Others Considered
☐	7. Configurable	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: Am.I.SeK
Architect/Team: Marlon, Cristian, Juan Pablo, José y Ximena
Domain: Medicina
Date: 30-05

Candidate Architecture Characteristics

performance	data integrity ✓	deployability
responsiveness	data consistency	testability
availability ✓	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability ✓	interoperability	configurability
elasticity	concurrency	recoverability

others: _____

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
☐	1. seguridad	feasibility (cost/time)
☐	2. practicidad	security
☐	3. observación	maintainability
☐	4. mantenimiento	observability
☐	5. concurrencia	
☐	6. integridad de los datos	Others Considered
☐	7. accesibilidad	seguridad
		accesibilidad
		integridad de datos

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: AM.I.SCK
Architect/Team: Mariandre, Cesar, Chang, Rafa
Domain: Farmaceutico
Date: 30/05/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others:

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
●	1. Security	feasibility (cost/time)
●	2. Disponibilidad	security
●	3. Rendimiento	maintainability
●	4. concurrencia	observability
●	5. integridad de datos	
●	6. adaptabilidad	Others Considered
●	7. recoverability	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: All stuff, No cruft
Architect/Team: Jason Girón, Carlos Laparra, Diego Morales, Martin Bech
Domain: Event management and communication
Date: 30/05/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others:

[a] [b] denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
☐	1. Security	feasibility (cost/time)
☐	2. Elasticity	security
☐	3. Scalability	maintainability
☐	4. Extensibility	observability
☐	5. Recoverability	
☐	6. Configurability	Others Considered
☐	7. Availiability	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Last updated March 22, 2023 — Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

Architecture Characteristics Worksheet

System/Project: Sistema de gestion para conferencias
Domain: Conferencias
Architect/Team: Karen, Argentina, Benjamin, Rodrigo
Date: 30/05/2023

Candidate Architecture Characteristics

performance	data integrity	deployability
responsiveness	data consistency	testability
availability	adaptability	abstraction
fault tolerance	extensibility	workflow
scalability	interoperability	configurability
elasticity	concurrency	recoverability

others: _____

a | b denotes characteristics that are related; some systems only need one of these, other systems may need both

Top 3	Driving Characteristics	Implicit Characteristics
[x]	1. Seguridad	feasibility (cost/time)
[ ]	2. Consistencia datos	urity
[ ]	3. Escalabilidad	maintainability
[ ]	4. Tolerancia a fallas	servability
[x]	5. Disponibilidad	
[ ]	6. Rendimiento	
[ ]	7. Recuperabilidad	

Instructions

- Identify no more than 7 driving characteristics.
- Pick the top 3 characteristics (in any order).
- Implicit characteristics can become driving characteristics if they are *critical* concerns.
- Add additional characteristics identified that weren't deemed as important as the list of 7 to the *Others Considered* list.

Others Considered
Seguridad
Disponibilidad
Elasticidad

Last updated March 22, 2023

Created by Mark Richards, DeveloperToArchitect.com

Students, draw anywhere on this slide!
Pear Deck Interactive Slide
Do not remove this bar