SLODLC Design Worksheet

| **Service Name:** |  |
| --- | --- |
| **SLODLC Adoption:** |  |
| **SLO Adoption Leader:** |  |
| **Worksheet Owner:** |  |
| **Document Status:** |  |
| **Related Docs:** |  |

# Design Worksheet Scope

1. [Define meaningful SLIs](#_ufl2ldt9mxnx)
2. [Define Achievable SLOs](#_pleteb645w68)
3. [Define Aspirational SLOs](#_eq0ko2c79pyk)
4. [Establish Error Budgets](#_6amfex533p5b)

**How to work with Design Worksheet**

1. Please walk through each point in the table
	1. Each point consist of a question section and instructions section
	2. Provide clear, written answers
	3. Provide URLs/Links for external resources if any
	4. Explicitly refer to necessary attachments if any
2. Return this completed form, with any necessary attachments, to: …
3. If you have any questions about this form, please contact: …

| 1.Define meaningful SLIs |
| --- |
| 1.1 | Input |
| *Work with your final prioritized User Journeys and Expectations list from SLODLC Discovery Worksheet. For each item on the list define meaningful SLIs using the SLI/SLO Specification Template.**Combine all your filed SLI/SLO templates into one SLI/SLO Repository (one file with filled tables or one folder with separate files - one SLI one file; one website, anything that works for you at least you will ensure data completeness; more about SLI/SLO Repository you will find in SLODLC Handbook).**Type any notes or remarks which might be helpful in the future; optional - capture lessons learned.* |
| >...

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| **Target %** | **Target Value (Number)** | **Experience Name** | **Error Budget Breach (Action)** | **Error Budget Policy** |
| --- | --- | --- | --- | --- |
| 99.99% | >... |  |  |  |
| 99.95% |  |  |  |  |
| 99.9% |  |  |  |  |
| 99.5% |  |  |  |  |
| 99% |  |  |  |  |
| 95% |  |  |  |  |
| 90% |  |  |  |  |
| 50% |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 2.Define Achievable SLOs |
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| 2.1 | Input |
| *Work with each of your defined SLI captured in SLI/SLO Repository - Define Achievable SLOs (one to many per one SLI - if needed). Updated SLI/SLO Repository.**Type any notes or remarks which might be helpful in the future; optional - capture lessons learned.* |
| >... |
| 2.2 | Risk Assessment Exercise |
| *Risk assessment will help you to figure out what's achievable, what's aspirational, what the mitigations could be, and will help build a reliability roadmap. For comprehensive risk assessment use Risk Analysis Template made by Google; it is a free, public tool based on years-long SRE practices, which can be found under the link:* [*https://goo.gl/bnsPj7*](https://goo.gl/bnsPj7)*.**Type any notes or remarks which might be helpful in the future; optional - capture lessons learned.* |
| >... |

| 3.Define Aspirational SLOs |
| --- |
| 3.1 | Input |
| *Work with each of your defined achievable SLO captured in SLI/SLO Repository - Define Aspirational SLOs in the SLO template section. Updated SLI/SLO repository.**Type any notes or remarks which might be helpful in the future; optional - capture lessons learned.* |
| >... |

| 4.Establish Error Budgets |
| --- |
| 4.1 | Input |
| *Work with each of your defined SLOs captured in SLI/SLO Repository (at this time, you should have one solid, well organized repository) - Define Error Budget per each SLO in the SLO template section. Fully Updated SLI/SLO repository - all records should be filled per SLI/SLO defined.**Type any notes or remarks which might be helpful in the future; optional - capture lessons learned.* |
| >... |