**OpenLMIS Re-Architecture Design Workshop Agenda**

**Objectives**

1. Understand the current pain points in the existing OpenLMIS code base.
2. Document the existing domain model and bounded contexts.
3. Review and understand the pros and cons of various architectural approaches to address the pain points.
4. Select candidate architecture and document the architectural principles.
   1. Provide at least one exemplar of an identified domain/context expressed using the above architecture and principles.
5. Document at least one epic and corresponding estimation for the above
6. Estimate relative sizes of epics that are prioritized for the MVP (or some later version)

**Location**

Regus Lake Union

1100 Dexter Ave N.

Suite 100

Seattle, WA, 98109

 +1.206.273-7406

[seattle.lakeunion@regus.com](mailto:seattle.lakeunion@regus.com)

**Hours**: 8:30 – 5p daily. Be ready to work @ 9a.m. sharp, please.

**Monday, March 28**

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| **Time** | **Session** | **Facilitator(s)** |
| 8:30 -8:55 | Time for people to shamelessly amble in late and get coffee | N/A |
| 9:00 -9:30 | **Introductions and Goals/Expectations** | Jake |
| 9:30 - 10 | **Ideal Project Timeline** | Jake |
| 10:00 -11:15 | **Airing of Grievances** (review of pain points) | Group |
| 11:15 -11:30 | Coffee Break |  |
| 11:30 -12:30 | **Review Feature Commonality-Variability (aka ‘OpenLMIS Landscape’)??** | Darius & Jake |
| 12:30 -1:15 | Lunch |  |
| 1:30 – 3:00 | **WORKshopping: Domain Modeling and Bounded Contexts** | Darius |
| 3:00 -3:15 | Coffee Break |  |
| 3:15 – 4:30 | **WORKshopping: Domain Modeling and Bounded Contexts** | Darius |
| 4:30 – 5 | **Wrap Up** | Jake |

**Tuesday, March 29**

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| **Time** | **Session** | **Facilitator(s)** |
| 8:30 -8:45 | Time for people to shamelessly amble in late and get coffee | N/A |
| 8:45 - 9 | **Quick Recap of Previous Day’s Work** | Jake |
| 9 – 10:30 | **Architecture Options – Pros & Cons of the following:**   * The Monolith with Build-Time Magic * OSGi + Events * Microservices * Others? | Darius |
| 10:30 -10:45 | Coffee Break |  |
| 10:45 -12:30 | **(cont.) Architecture Options – Pros & Cons of the following:**   * The Monolith with Build-Time Magic * OSGi + Events * Microservices * Others? | Darius |
| 12:30 -1:15 | Lunch |  |
| 1:30 -3:00 | **WORKshopping: Situational Exemplars of a Domain/Context**   * As n developer, I need to develop a new feature or service. How? * As a developer, I need to customize <insert existing context/feature>. How? | Darius |
| 3:00 -3:15 | Coffee Break |  |
| 3:15 - 4:30 | **(Switch) WORKshopping: Situational Exemplars of a Domain/Context**   * As a developer, I need to develop a new feature or service. How? * As a developer, I need to customize <insert existing context/feature>. How? | Darius |
| 4:30 – 5 | **Review Progress/Wrap Up** | Darius/Jake |

\* Group Drinks & Dinner (optional)

**Wednesday, March 30**

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| **Time** | **Session** | **Facilitator(s)** |
| 8:30 -8:45 | Time for people to shamelessly amble in late and get coffee | N/A |
| 8:45 - 9 | **Quick Recap of Previous Day’s Work** | Jake |
| 9 – 10:30 | **Architecture Decision** | Darius & Jake |
| 10:30 -10:45 | Coffee Break |  |
| 10:45 -12:30 | **Architecture Decision (if needed); otherwise, begin deeper dive into principles, design and delivery practices** | Darius & Jake |
| 12:30 -1:15 | Lunch |  |
| 1:30 -3:30 | **(Chosen) Architecture Principles, design and delivery practices** | Darius |
| 3:30-3:45 | Coffee Break |  |
| 3:45 – 4:30 | **(Chosen) Architecture Principles, design and delivery practices** | Darius |
| 4:30 – 5 | **Review Progress/Wrap Up** | Darius/Jake |

**Thursday, March 31**

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| **Time** | **Session** | **Facilitator(s)** |
| 8:30 -8:45 | Time for people to shamelessly amble in late and get coffee | N/A |
| 8:45 - 9 | **Quick Recap of Previous Day’s Work** | Jake |
| 9 – 10:30 | **Governance through Code** | Darius |
| 10:30 -10:45 | Coffee Break |  |
| 10:45 -12:30 | **Review Domain Model and Bounded Contexts vs Chosen Architecture** | Jake & Darius |
| 12:30 -1:15 | Lunch |  |
| 1:30 -3:00 | **Shallow dive into high priority Epics and Exemplars** | Jake & Darius |
| 3:00 -3:15 | Coffee Break |  |
| 3:15 – 4:30 | **Epics, Exemplars and Estimations** | Jake & Darius |
| 4:30 – 5 | **Review Progress/Wrap Up** | Darius/Jake |

**Friday, April 1**

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| **Time** | **Session** | **Facilitator(s)** |
| 8:30 -8:45 | Time for people to shamelessly amble in late and get coffee | N/A |
| 8:45 - 9 | **Quick Recap of Previous Day’s Work** | Jake |
| 9 – 10:30 | **Epics, Exemplars and Estimations** | Jake & Darius |
| 10:30 -10:45 | Coffee Break |  |
| 10:45 -12:30 | **Epics, Exemplars and Estimations** | Jake & Darius |
| 12:30 -1:15 | Lunch |  |
| 1:30 -3:00 | **Menu Options & Timelines****: what can different stakeholders work on, going forwards?** | Jake |
| 3:00 –  3:15 | Coffee Break |  |
| 3:15 – 4:00 | **Menu Options & Timelines: what can different stakeholders work on, going forwards?** | Jake |
| 4:00 – 5 | **Review Progress/Wrap Up** | Darius/Jake |