Team 100
11-791 Project

Milestone-2: Progress

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Project Progress

- More Issues on GitHub
- Refactoring code to suit the needs for Milestone-2

| Issues | Pull requests | Labels | **Milestones** | | New milestone |

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Milestone 2

📅 Due by November 20, 2014
🕐 Last updated less than a minute ago

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Milestone 1

📅 Due by October 10, 2015   🕐 Last updated 27 minutes ago
Milestone 1 (M1) : Concepts, documents, and triples retrieval. Tur... (more)

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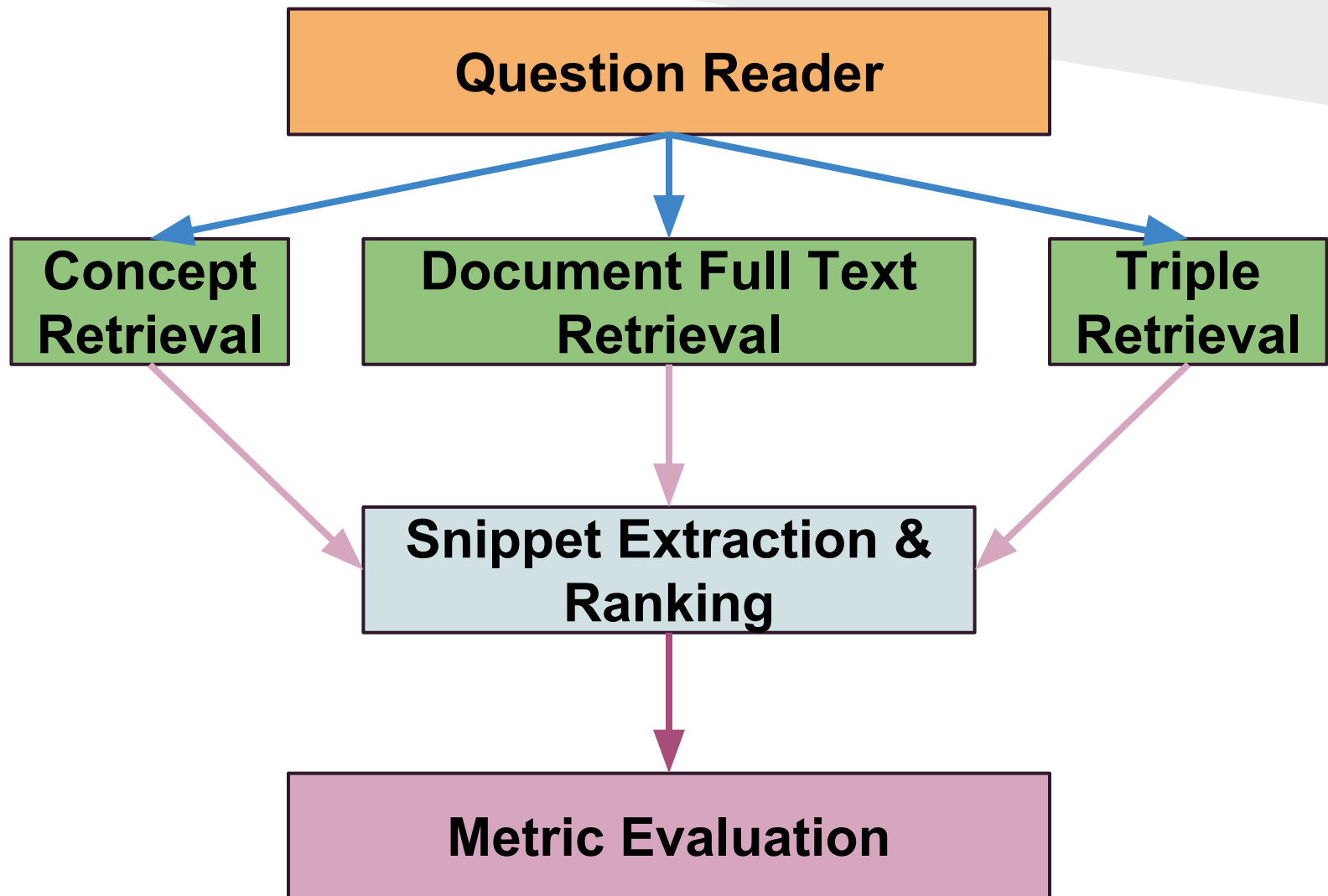
Code Refactoring and Adding features

- Aggregated Analysis Engine
- Additional Snippet Analysis Engine
- Utility classes for Metal API calls
- Sentence segmentation with StanfordNLP
- Added gold standard snippets to the CAS index
- Document Scorer Utility
  - Library or calculating various similarity scores
  - Design patterns taken into consideration
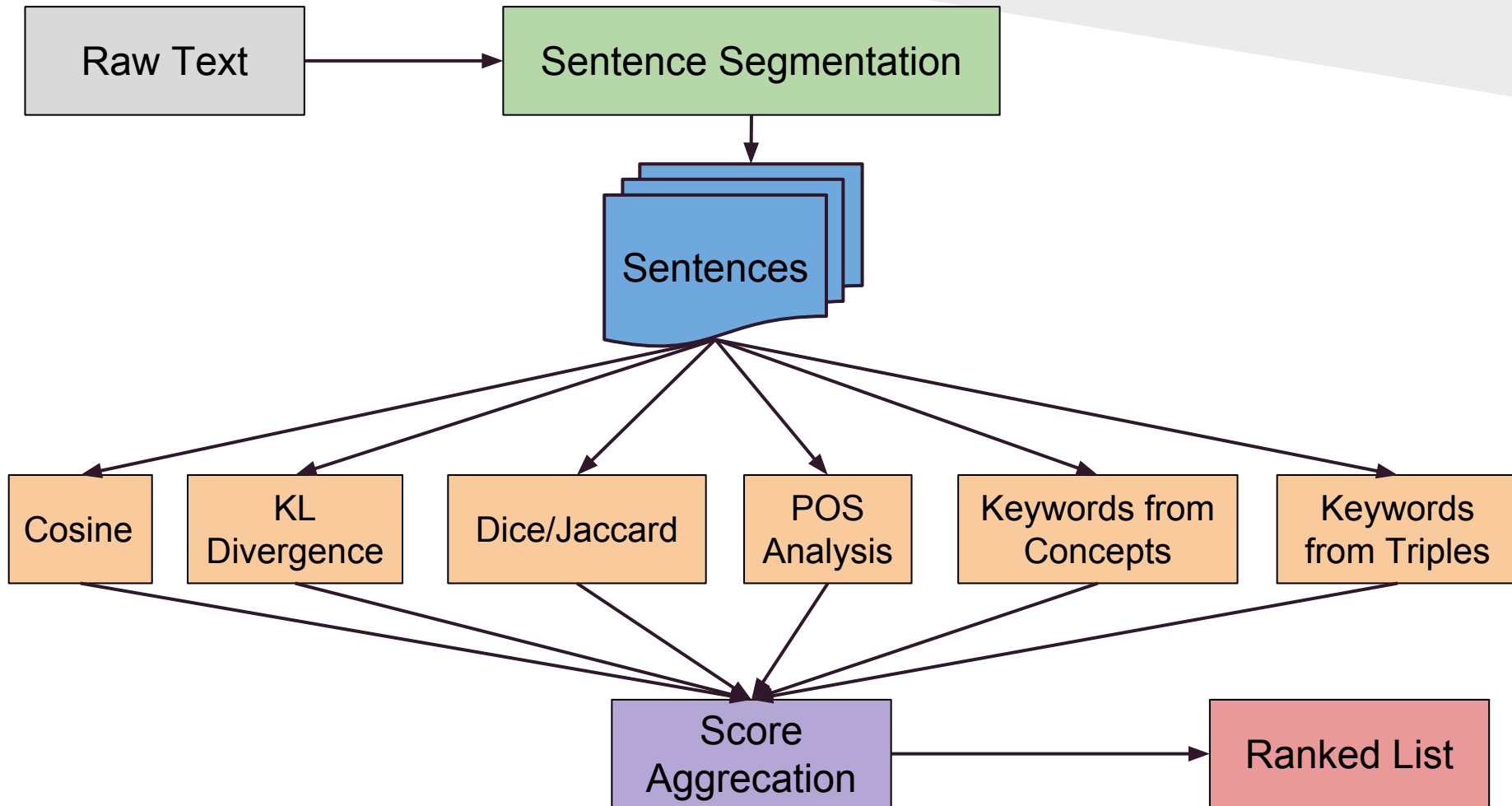
Design Patterniness

We employ several patterns in our design

- Pub Med Web Service
  - **Proxy**
  - **Singleton**

- Frequency Counters / Similarity Calculators
  - **Factory**
  - **Abstract Factory**
  - **Strategy**

- Conversion / Code Reuse
  - **Adapter**
  - **Decorator**

Architecture

Snippet Extract & Ranking

Todos

- **Reduce Redundancies in Code Base!**
  - Helper class overload!
  - Maximize re-use of previous HW code
  - Minimize complexity and namespace conflicts

- Rank the snippets and add them to the index
- Add snippet evaluation in the consumer
- Improve MAP in other areas as well as snippets

Team Meetings

- We had **two** meetings for Milestone 2 (over the past week)
- Meeting 1 (11/12) : Discussing
- Meeting 2 (11/16) : **HackathonHackathon**
  - Discussion / Working on Milestone 2
  - Implementation & Testing
    - Pair programming
    - Design Patterns
    - Architectural Refactoring