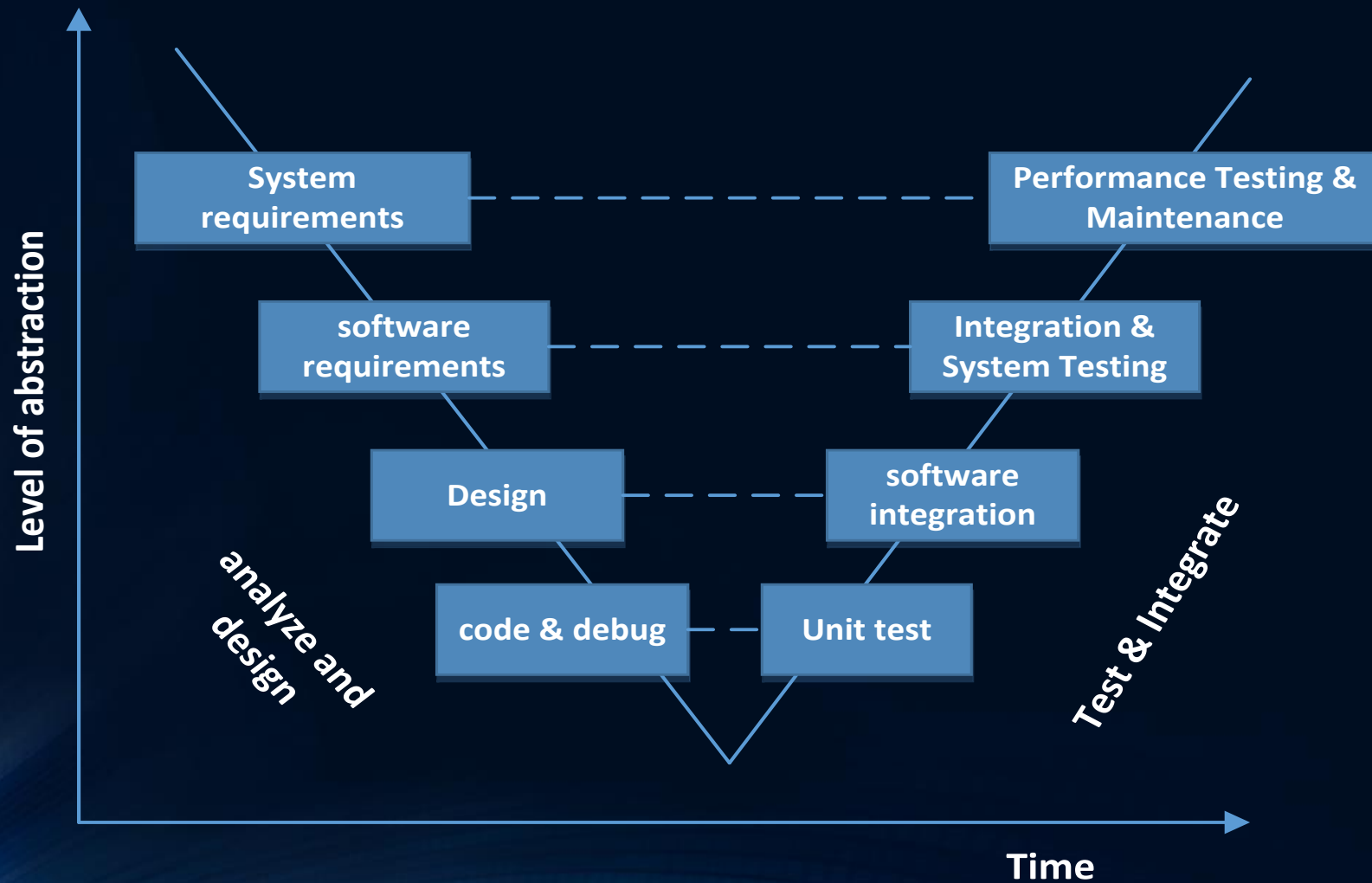


# Quality assessment of LOD for potential Dual Use

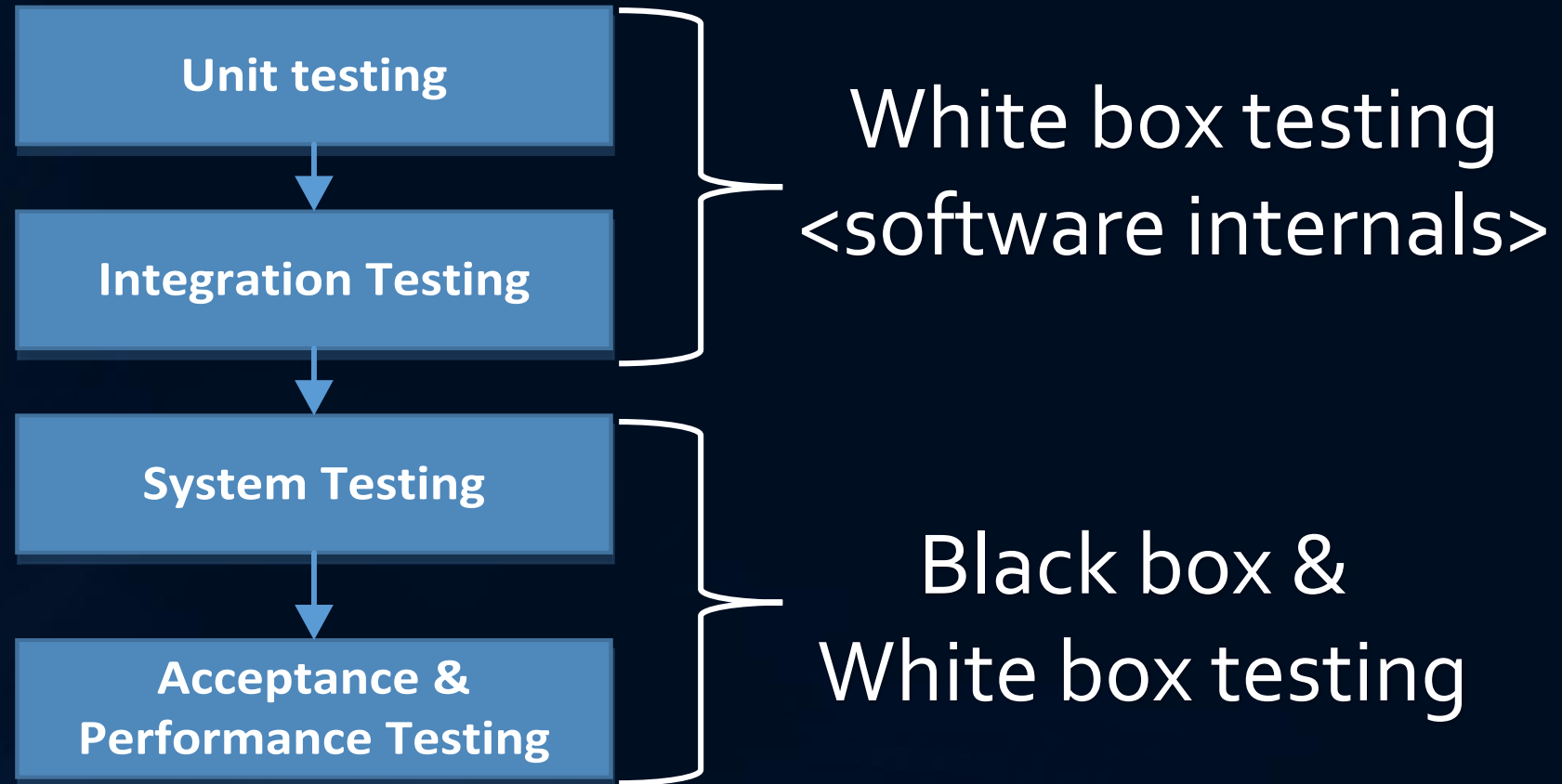
ALI DENNO, AMAL AMOURI, MOHAMAD DENNO, OLA AL NAAMEH

SUPERVISED BY HARSH THAKKAR

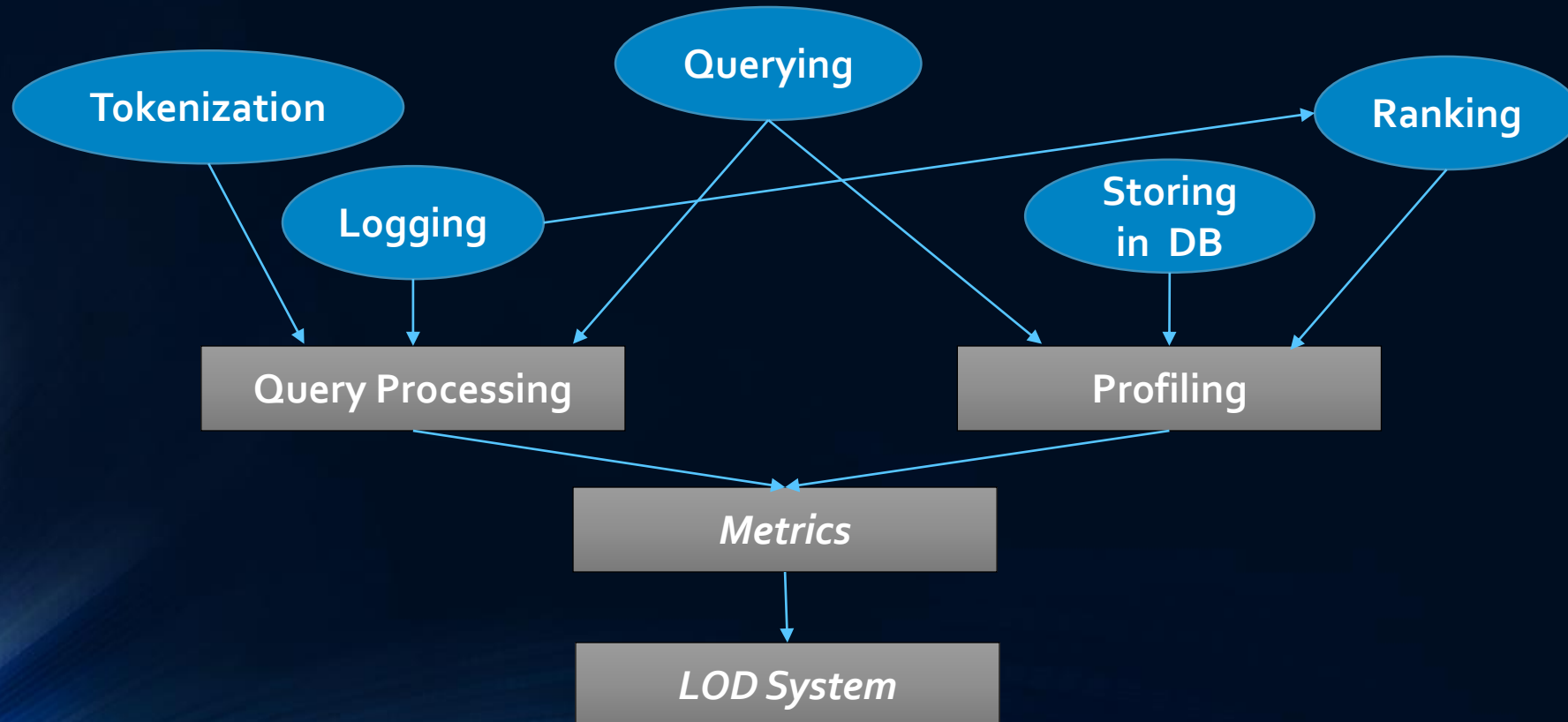
# System Testing



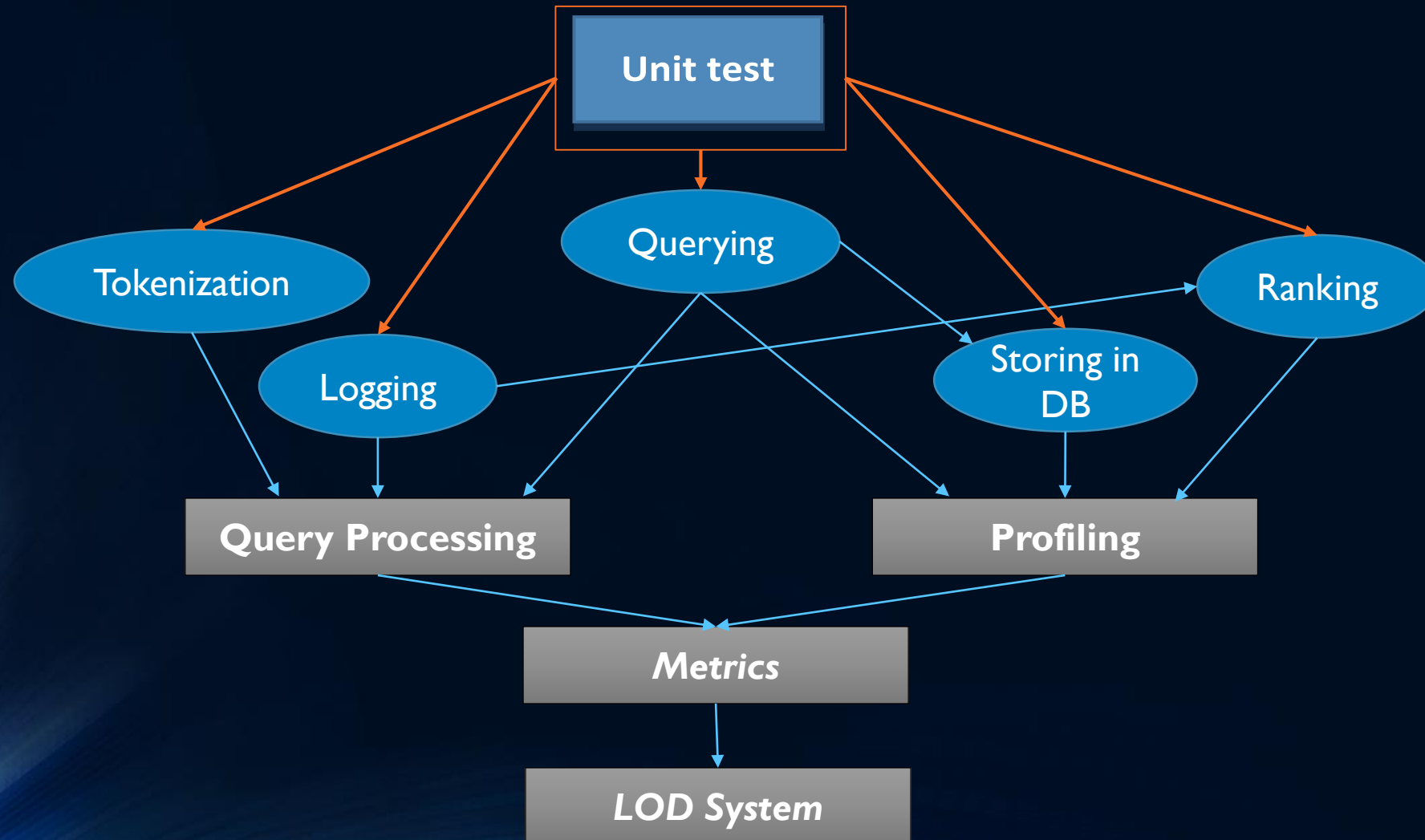
# System Testing



# Testing our System

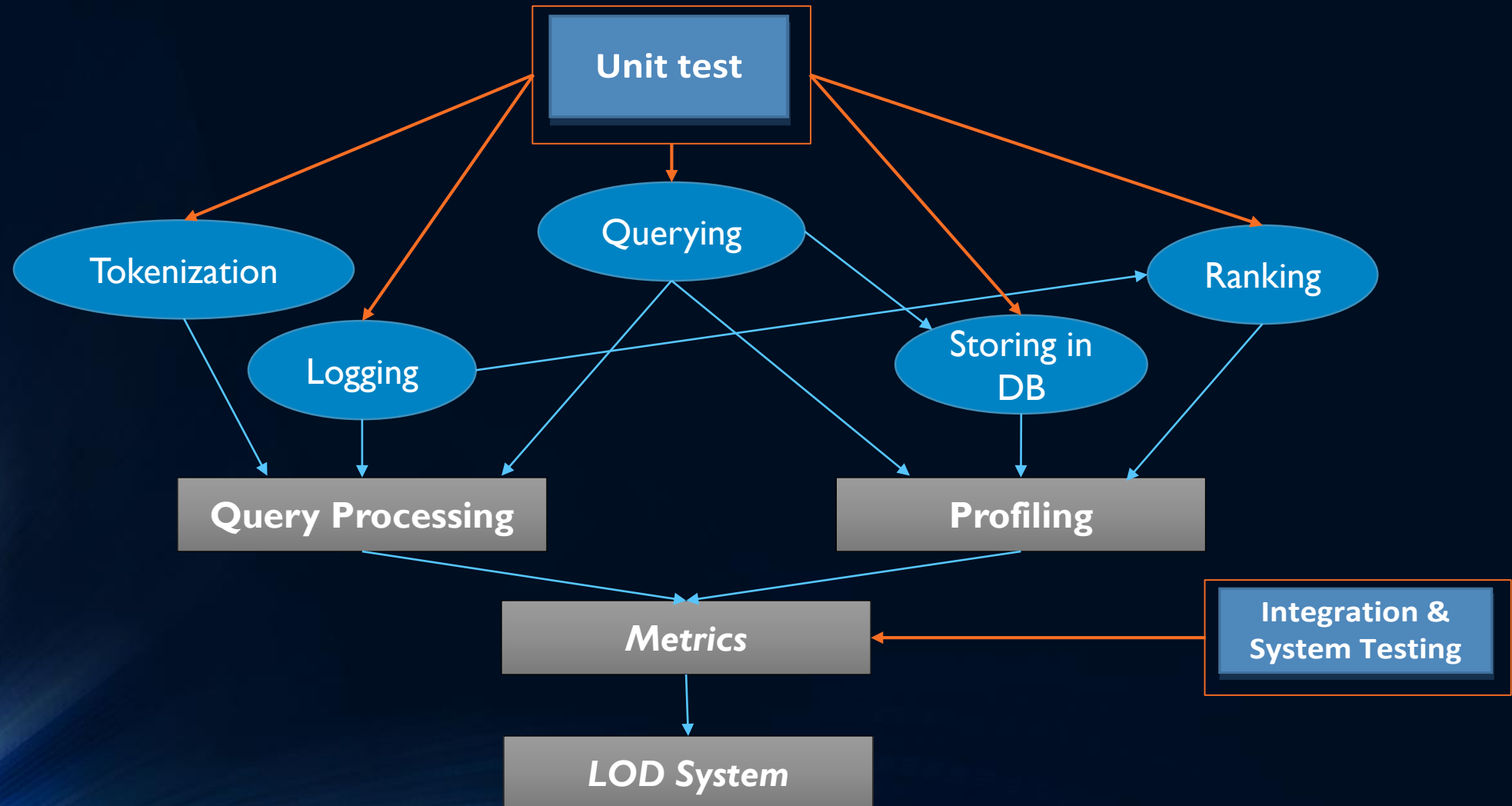


# Testing our System

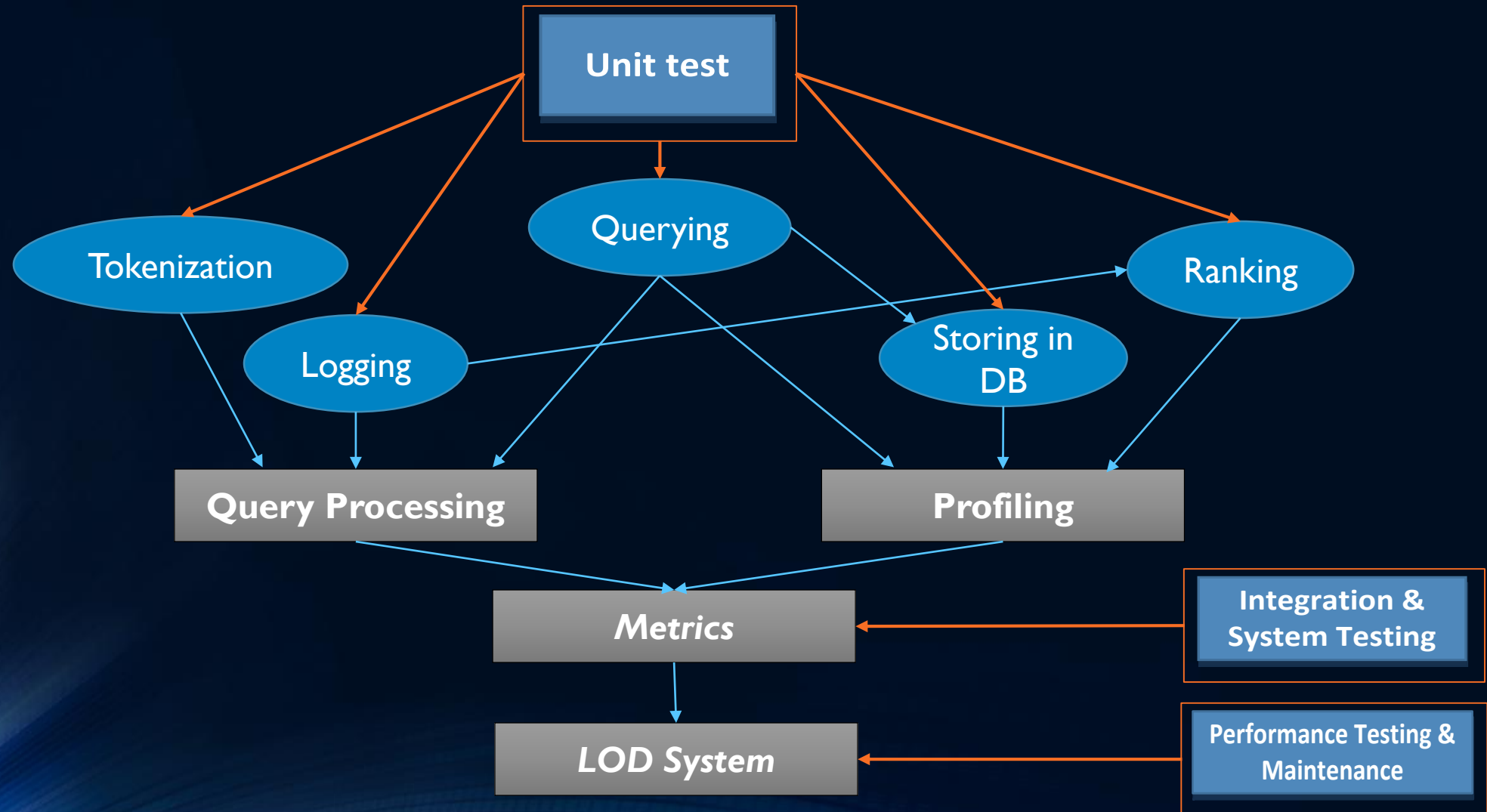




# Testing our System



# Testing our System



# Unit Testing

- Is this unit of code working as expected ? Can we break the code using strange unexpected values?
- identify failures in our algorithms and/or logic to help improve the quality of the code that composes a certain function.

```
int CombineNumbers(int a, int b) {  
    return a+b;  
}
```

```
void TestCombineNumbers() {  
    Assert.AreEqual(CombineNumbers(5, 10), 15); // Assert is an object that is part of your test framework  
    Assert.AreEqual(CombineNumbers(1000, -100), 900);  
}
```



# Unit Testing

- we will build a unit test for each part of our project to be sure that this part working correctly.

| Unit testing templet |  |
|----------------------|--|
| Test case id         | XX   |
| Unit to test         | Ranking unit test  |
| Test data            | Categories and synonyms in our profiles                                  |
| Steps to be executed | test a set of queries and check whether the ranking is as desired or not |
| Expected result      | Identify the malicious queries correctly                                 |
| Actual result        | -  |
| Pass/Fail            | -  |
| Comments             | -  |

# System Testing

- We Focus on testing the system after *integrating* all the project parts to make sure that the system integration works perfectly and comply with the specified requirements.



- check the behavior of a complete and fully integrated software product based on the software requirements check the behavior of a complete and fully integrated software product based on the software requirements

# Performance Testing

- Performance testing is a type of testing intended to determine the *responsiveness, throughput, reliability, and/or scalability* of a system under a given workload.
- So it is commonly conducted to accomplish the following:  
Assess production readiness.  
Evaluate against performance criteria.





Thank You