



CODE X

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WHAT IS OUR SYSTEM?

THE CORE OF THE SYSTEM IS A SEARCH ENGINE WHICH IS ENRICHED WITH FUNCTIONALITIES OF PERFORMING SOME MACHINE LEARNING IN ORDER TO RETRIEVE A PRODUCT IN A MASTER FILE FOUND IN A DATABASE RUNNING ON THE SERVER THROUGH RESTFUL CALLS.

PROGRESS REPORT



Due to a change in project scope, the following was done since the previous demo:

- ▶ Research on big data databases
- ▶ Major documentation changes
- ▶ Implementation of improved search functionalities
- ▶ Front end design of the application
- ▶ Java integration with ZIZO Database



WOW FACTOR

IMPLEMENTED/TO BE IMPLEMENTED

- DICTIONARY IN DATABASE
- MACHINE LEARNING

Task Number	Task Description	Status	Estimated days	Days Taken to Complete
1	Alpha Planning & Scrum meeting	Completed	2	2
2	Research on Technology (Database & Testing)	Completed	14	17
3	Documentation	In Progress	21	20
4	Software architecture design & diagrams	In Progress	10	6
5	Database design and advanced search functionalities	Completed	7	7
6	Java-database integration	In progress	7	3
7	Front end design & integration	In progress	5	4
8	Framework Testing (JUnit & JMeter)	Not started	10	0
9	Machine learning research & Implementation	In progress	21	2
10	Demo 2	In progress	30	25

BURNDOWN CHART



Burndown Chart



SCRUM BOARD



Josephbondjobo/CodeX

Filter Board

Board View

Backlog 4

Ready 4

In Progress 7

Done 26

38 Other Requirements - Quality Requirements

24 Research on Tensor Flow Machine Learning

42 User Manual

44 Class + Deployment Diagrams

29 SRS: Overall checking

33 Assumptions & Dependencies

36 SRS: Use Case Prioritization

22 Use Case Diagrams

47 Architecture Design & Diagram

48 Linking Java & Zico

8 Documentation and Review

43 Research Fuzzy Matching

50 Integration "awareness"

52 Machine learning

51 Front-end

34 SRS: Software Interfaces

21 Documentation - improvements and additions

31 SRS Section 2 Numbering

35 SRS: Requirements

46 Appointment with Client and contact Moseli

54 Upload research so-far etc to Github

40 SRS: Design Constraints

32 SRS: Constraints

45 SRS: Important

19