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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

- 38 Other Requirements - Quality Requirements
- 24 Research on Tensor Flow Machine Learning
- 42 User Manual
- 44 Class + Deployment Diagrams

Ready 4

- 29 SRS: Overall checking
- 33 Assumptions & Dependencies
- 36 SRS: Use Case Prioritization
- 22 Use Case Diagrams

In Progress 7

- 47 Architecture Design & Diagram
- 48 Linking Java & Zito
- 8 Documentation and Review
- 43 Research Fuzzy Matching
- 50 Integration "awareness"
- 52 Machine learning
- 51 Front-end

Done 26

- 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

Invite/Share

WaffleBot

Metrics

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