CODE X

EXCEED · EXCEL · EXPRESS

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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
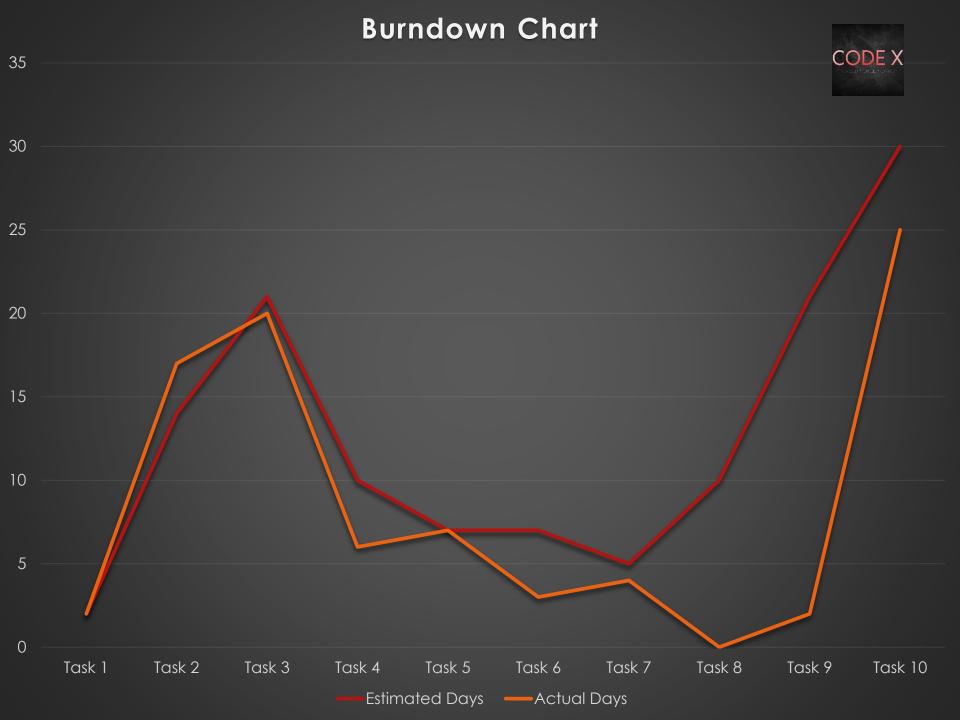
▶ Java integration with ZIZO Database

# 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

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# Burndown Chart



Legend: Estimated Days, Actual Days

# SCRUM BOARD