Software Engineering Final Project Presentation

Team 3
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Team member roles:

Yuwei Zhou: Team lead, Project manager

Nicole Cill: Documentation Writing

Brian Yao: Software Developer

Keith Estrella: Tester

Keonta Hafley: Database design, software Developer

Project Demo
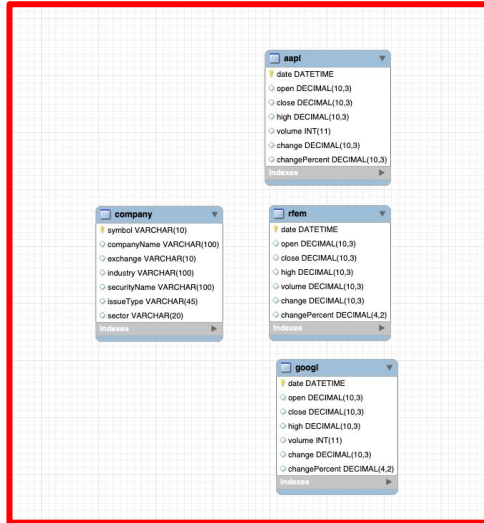
http://127.0.0.1:5000/

Brief Introduction

As seen in the demo, we have created a system that allows us to:
- Search and Retrieve data over a 30-day span
- Clearly display the data:
  - In a table
  - Statistical Graphs
- Compute change functions overtime
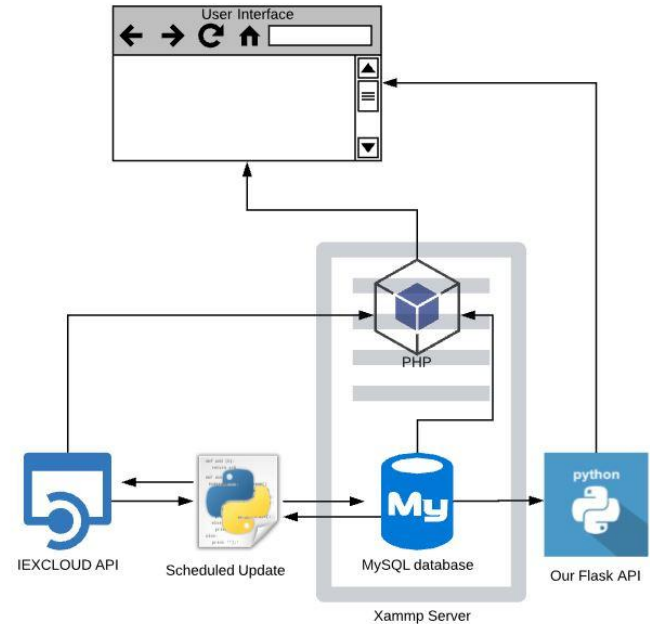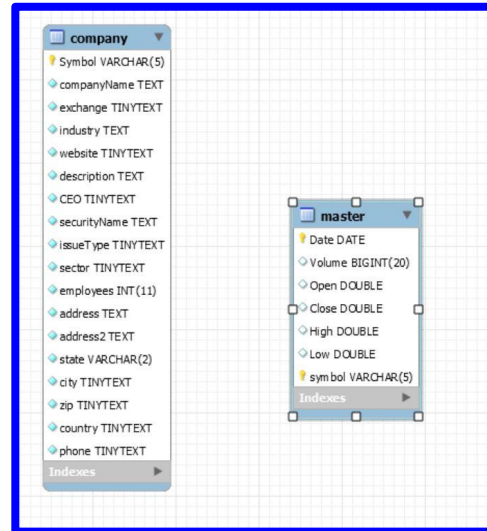 - Such as min., max., and mean

** Final Document on GitHub https://github.com/KeanUniversity-CS-SELab/Team3

Nicole

Database:

Startup Planning:

Development Planning:

Software Design

Testing plan

Keith

- Created a document that records the scope, approach, resources and schedule of the software test
- Logged test cases for specific "Scenarios" in order to test particular features at a time

TEST CASE: 001
TEST DATE: December 5, 2019
TESTER: Keith Estrella
SCENARIO: Daily Database Update and Processing

STEP	TEST	EXPECTED	ACTUAL	PASS/FAIL	COMMENTS
1	Using custom program, check if database has been updated.	Program compares yesterday's and today's database and prints out what is missing in both, therefore it has been updated.	Program returns entries not found in yesterday's database.	PASS	A review on the resulting entries show that Dec 5 entries are found only in today's database.
2	Check for RFEM Company Info	Should return the matching info of the company	Returned expected	PASS	
3	Check for GOOGL Company Info	Should return the matching info of the company	Returned expected	PASS	
4	Check for UNH Company Info	Should return the matching info of the company	Returned expected	PASS	

Thank you!

Q&A