Repository and Mining of Temporal Data
Milestone 6 Evaluation

Team Members:
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Faculty Sponsor and Client:
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Meetings With the Client:
Apr 9, Apr 16

Progress of Current Milestone:

Task	Jessica	Siomara
Website	50%	50%
Target Variable Search	60%	40%
Save Results in account (provider/user)	50%	50%
Optimization	70%	30%
Test/Demo System	40%	40%
User Manual/Demo Video	50%	50%
Evaluation Document, Presentation	50%	50%

Discussion of Each Accomplished Task:

Website: The website consists of the homepage, about page, contact page, upload page, analyze page, results page, and the search results one. Q1, Q2, and Q3 are shown in the results page after the user has uploaded their target .csv file; in the case of not having enough information for calculating Q2 and Q3, the website only displays the Q1 results and shows the user a message saying that there wasn't enough data. Only two out of three graphs are shown with Q2.

Target Variable Search: Implemented as a search bar on the website, displays the total number of results within the search, as well as the target name, tags, and description. The target variable search aims for users to be able to analyze the data without uploading anything, this has been implemented and almost completed.

Save Results in account: Not completed during milestone. User registration was scrapped from the project but can be re-implemented and fixed.

Optimization: Q2 has been fixed to show the correct display with the Python code and with Django on the website.

Test/Demo System: The system had to be flushed earlier in the testing phase, so repopulating the database has happened. There are currently 61 different .csv files for testing purposes, ranging from yearly/monthly/daily format to values such as gas prices, presidential ratings, gross domestic product, and weather.

User Manual/Demo Video: User manual is finished and has been written using Google Docs. The Demo Video is also finished and was created with Powtoon. The video has been uploaded to Youtube under the RepoMining username.

Evaluation Document, Presentation: The evaluation document has been written using Google Docs, and the presentation has been created with Google Slides.

Discussion of Contribution for Each Task:

Jessica: Fixed and optimized Q2 to work with different datasets. Edited NarrowData to sort through the different granularity and handle it. Edited Upload.py to also automatically sort through granularity and store it in the database. Created an account value in the database to store account information. Searched for .csv files on the internet and uploaded it into data.db. Uploaded all python code files and pdf documents to github repository. Presented project at Senior Design Showcase. Contributed to writing the Showcase Documents, the User Manual, Milestone 6 evaluation, and Milestone 6 presentation.

Siomara: Q2 and Q3 on website, show only results for Q1 if not enough information on system, NarrowData on Django compatible with the sqlite3 database, re-designed the front-end pages, variable search on website along database, redirection of pages for all Q's analysis, granularity added and changed on Django's database, re-populated database for testing, uploaded the system code to the github repository. Created and uploaded the Demo Video to Youtube. Presented

project at Senior Design Showcase. Contributed to writing the Showcase Documents, the User Manual, Milestone 6 evaluation, and Milestone 6 presentation.

Sponsor Feedback:

Task 1: Q2 2 of 3 graphs on the website, correlation vs lag is missing

Task 2:

Task 3:

Task 4:

Task 5:

Task 6:

Task 7:

Sponsor Signature: _____ Date: _____