Milestone 2 Progress Evaluation

Student Performance Analysis

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1   Progress of current Milestone

Task	Completion %	Mohammed	Shreyas	Yaqeen	Shiru	To do
1. Finalize conceptualizing 8 behaviors	100	25	25	25	25	*N/A*
2. Finalize packages, languages and tools	100	25	25	25	25	*N/A*
3. Implement and test framework to get input from syllabus	100	25	25	25	25	*N/A*
4. Select data mining techniques for each behavior						
5. Provide report explaining behaviors and corresponding data mining methods	100	25	25	25	25	*N/A*
6. Implement and extract data for 2 behaviors						
7. Update Requirements and test document	100	25	25	25	25	*N/A*
8. Progress Evaluation	100	25	25	25	25	*N/A*

1.1   Discussion of each task

1.1.1   Finalize conceptualizing 8 behaviors

This part was done by manually looking through the data and using common sense and behavioral analysis to find behaviors that correlate with the grades. Over 8 behaviors were found by the team.

1.1.2 Finalize packages, languages and tools
Sklearn/python will be used mostly in this project. Java might also be included if needed

1.1.3 Implement and test framework to get input from syllabus
The team implemented a program to get the syllabus information from the user. Information such as number of tests in the course, the exam dates, and assignments due dates.

1.1.4 Select data mining techniques for each behavior
This task fellows conceptualizing the behaviors. After each member picks behaviors, a data mining technique for each. In this part, we are trying to select the technique that we see fit for each behavior.

1.1.5 Provide report explaining behaviors and corresponding data mining methods
Each team member will provide a report of explaining the behaviors they extracted, also expanding what data mining techniques and methods that corresponded with them.

1.1.6 Implement and extract data for 2 behaviors
For this part, we examine and experiment the techniques and tools that were picked to implant and extract the behaviors. Two of the behaviors were implemented to show different methods and help detriment which way to go for the rest.

1.1.7 Update requirements and test document
Updated the requirements document to v2.0 some changes were made in the document such as tools and languages selection

1.2 Discussion of team member contribution

1.2.1 Shreyas

1.2.2 Shiru

Conceptualized 2 behaviors, provided a report. Contributed to making the program to get syllabus information from the user. Contributed in updating the requirements document as well as progress evaluation.

1.2.3 Yaqeen

Conceptualized 5 behaviors along with data mining technique. Provided a report. Implemented one behavior using WEKA. Contributed in updating progress evaluation.

1.2.4 Mohammed

Conceptualized 2 behaviors along with data mining techniques, provided a report. Contributed to making the program to get syllabus information from the user. Contributed in updating the requirements document as well as progress evaluation.

2   Plan for the next milestone

Task	Shreyas	Yaqeen	Shiru	Mohammed
Finish extracting information using the behaviors	25%	25%	25%	25%
Begin correlation of information with grades	25%	25%	25%	25%
Find appropriate ways to present the information	25%	25%	25%	25%
Design and start implementing simple GUI	25%	25%	25%	25%

2.1   Discussion of each task

2.1.1   Finish extracting the information using the behaviors

2.1.2   Begin correlation of information with grades

2.1.3   Find Appropriate ways to present the information

2.1.4   Design and start implementing simple GUI

3 Sponsor feedback on each task for current milestone

4   Appendices

5   Sponsor Evaluation

Sponsor: Please detach this page and return to Dr. Shoaff

Score (0-10) for each member: circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10)

Shreyas Ugemuge	0	1	2	3	4	5	6	6.5	7	7.5	8	8.5	9	9.5	10
Yaqeen AlKathiri	0	1	2	3	4	5	6	6.5	7	7.5	8	8.5	9	9.5	10
Mohammed AlHabsi	0	1	2	3	4	5	6	6.5	7	7.5	8	8.5	9	9.5	10
Shiru Hou	0	1	2	3	4	5	6	6.5	7	7.5	8	8.5	9	9.5	10

Faculty Sponsor

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Signature

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Date