

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

1.1.5 Provide report explaining behaviors and corresponding data mining methods

1.1.6 Implement and extract data for 2 behaviors

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

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

Signature

Date