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| Goal : | Purpose  Issue  Object  ViewPoint | Measure and improve  Effectiveness of  Course Choices  From the student advisor viewpoint. |
| Question1 |  | What is the functional capacity of the student? |
| Metrics 1 | 1  2  3 | Gpa.  Year level.  Number of real world work experience in years. |
| Question2 |  | What is the load of a course? |
| Metrics | 1  2  3  4  5 | Number of credits.  Total number of assignments.  Total number of projects.  Average grade of students previously taken the course.  Number of prerequisites or relevant courses taken by the student previously. |
| Question3 |  | How relevant is the course to the student’s major? |
| metrics | 1  2  3 | Interest level of student on the course.  Subjective evaluation of helpfulness of course to the student’s career.  Previous number of students taken the course from the same major. |

PART 1 :-

PART 2 :-

Recommendations:-

In each subsequent version we can see that the comment to code ratio is decreasing while the lines of code as well as the number of files is increasing, this indicates that there is a constant decline on the documentation front. I would recommend that the developers go back to the newly added components in each release and add more documentation so that anybody new working on the project will have less troubles to deal with.

The complexity seems to be increasing while there is an increase in the number of derived classes, so it is possible to reduce the complexity by reducing the number of derived classes maybe?