Feedback Loop

User Case Study

Program Background

Feedback Loop was implemented in ISYE Senior Design, is a required capstone course for Industrial and Systems Engineering (ISyE) students at Georgia Tech. Effectively teamwork is one of the learning outcomes for ISYE 4106. Students apply methodologies studied in the curriculum in a cumulative and comprehensive manner to model and solve engineering design problems quantitatively and computationally to produce solutions that incorporate appropriate engineering standards under multiple constraints with consideration for public health, safety, and welfare, as well as ethical, professional, global, cultural, social, environmental, and economic factors.

Dr. Dima Nazzal
Director
Professional Practice

I love Feedback Loop for its seamless integration with Canvas, superb support responsiveness and the flexibility of the tool to to the peer feedback survey I designed before using the tool. This has saved us hours and hours of manual effort every semester!

GEORGIA TECH'S CHALLENGES

After handling peer feedback manually and with various tools tried over the years, Georgia Tech ISyE needed a platform that covers two needs:

1. Efficient and flexible enough to support their existing peer feedback surveys (previously done manually via document).
2. Efficiently (and anonymously) relay feedback back to students so they can learn from their teammates' feedback without requiring lots of manual effort and time from faculty.

FEEDBACK LOOP SOLUTION

In addition to all the typical peer feedback question types of likert scales, text entry, yes/no and custom scales, Feedback Loop supports points allocation so that students allocate points among their team with a fixed-sum principle. Points allocation helps address the common issue of some students giving their peers the highest available score without thought, resulting in more meaningful peer feedback results. This points allocation question has been integral to Dr. Nazzal's peer feedback approach and its inclusion in Feedback Loop helped her move away from manual peer feedback without having to sacrifice her carefully crafted process!

Time Savings   **Easy for Students**   **Seamless LMS Integration**

IMPLEMENTATION OUTCOME

1 **Countless Hours Saved**

Reusable survey templates, automatic reminders and the deep integration with Canvas LMS has saved countless hours of manual effort.

2 **Flexibility to Replace Manual Peer Feedback Surveys**

Switching from document-driven peer feedback doesn't have to mean giving up on flexibility. Feedback Loop provided the flexibility of survey building Dr. Nazzal needed, but with the efficiency of a seamless peer feedback tool.

Feedback Loop

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