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Group Effort: Study Group Matching Service

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Problem:
• Calculus III is hard
• Study groups help
• Some students can’t find study groups

Methodology:
- Preliminary Research
- Interview with Academic Advising
- Survey recent Calc. III students
- Response n = 102
- Created website
- Designed group assignment system

Solution:
The online service arranges study groups for Calculus III students.

Would a study group have improved your Calculus III ability?
- Yes: 54%
- No: 33%
- Maybe: 11%
- Not Sure: 11%

Survey Conclusions:
• M.A.S.H. is not enough help
• 2/3 students did not benefit from M.A.S.H.
• 87% would benefit from study groups
• Only 47% used study groups
• Over 200 students could use our service

Deliverable:
• Designed website
• Implemented assignment system
• Initiated Academic Advising’s support

Group Effort:
• Students sign up to join a study group
• Groups register to accept more members
• We assign members by ability & availability

Why Study Groups?
“Cooperative group work within the classroom has been shown to increase student achievement as well as promote a more positive attitude toward the subject being studied” (Rybczynski, 2011).

References: