



Students

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Jack Leow	CPE	Senior
Nicholas Montour	CS	Sophomore
Matt Semaszczuk	CS	Senior
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Faculty Advisor

Prof. Matthew J. Bauer, CS

Academic Audit IPRO

- Introduction
 - Need
 - Supporting Evidence
- Proposed Solution & Prototype
- Results
 - Positives
 - Future prospects

Academic Audit IPRO

- Academic Audits
 - what are they?
 - how are they done?
- The objective of this IPRO was to improve the academic audit process for educational services, faculty and students.

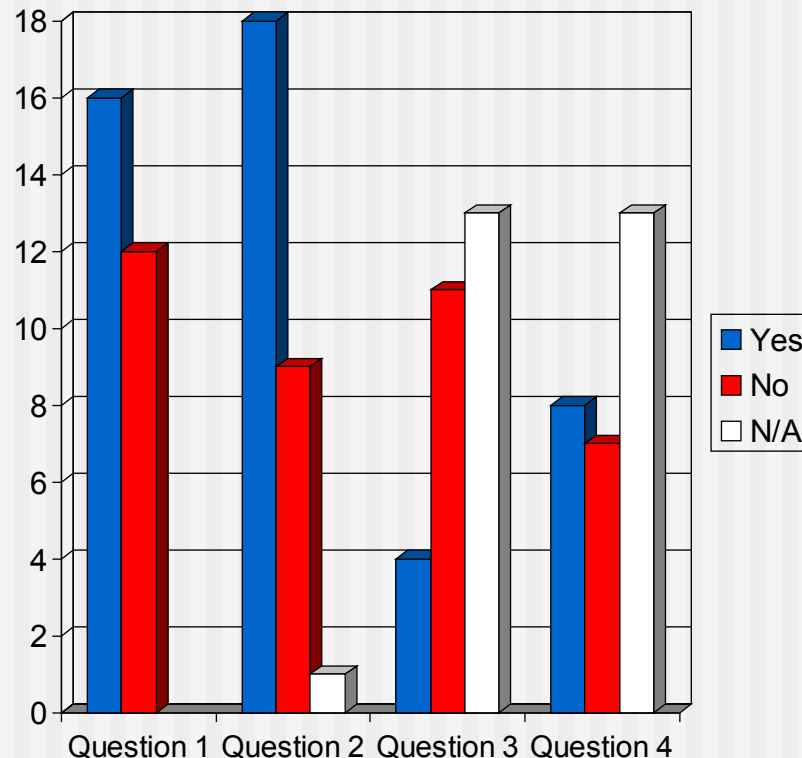
Defining our Goals

- Wide Domain of Input
 - Brainstorming with Educational Services
 - Survey for both Faculty and Students
- Our Process
 - Teamwork on defining requirements in terms of obtainable objectives
 - Different team members were assigned different tasks
 - figure out problems / create solutions

Student Survey

1. Have you had an academic audit done before at IIT?
2. Currently students receive the first academic audit during their junior year. Do you think receiving the audit earlier would have been more beneficial?
3. Was the format and information provided to you by the audit satisfactory?
4. Were you able to figure out which classes were applied where?

Student Survey Results



Some of the things students said,

“...more info regarding which courses counted for what would be nice.”

“...It would be really nice to be able to do one online. ...”

Criteria of Solutions:

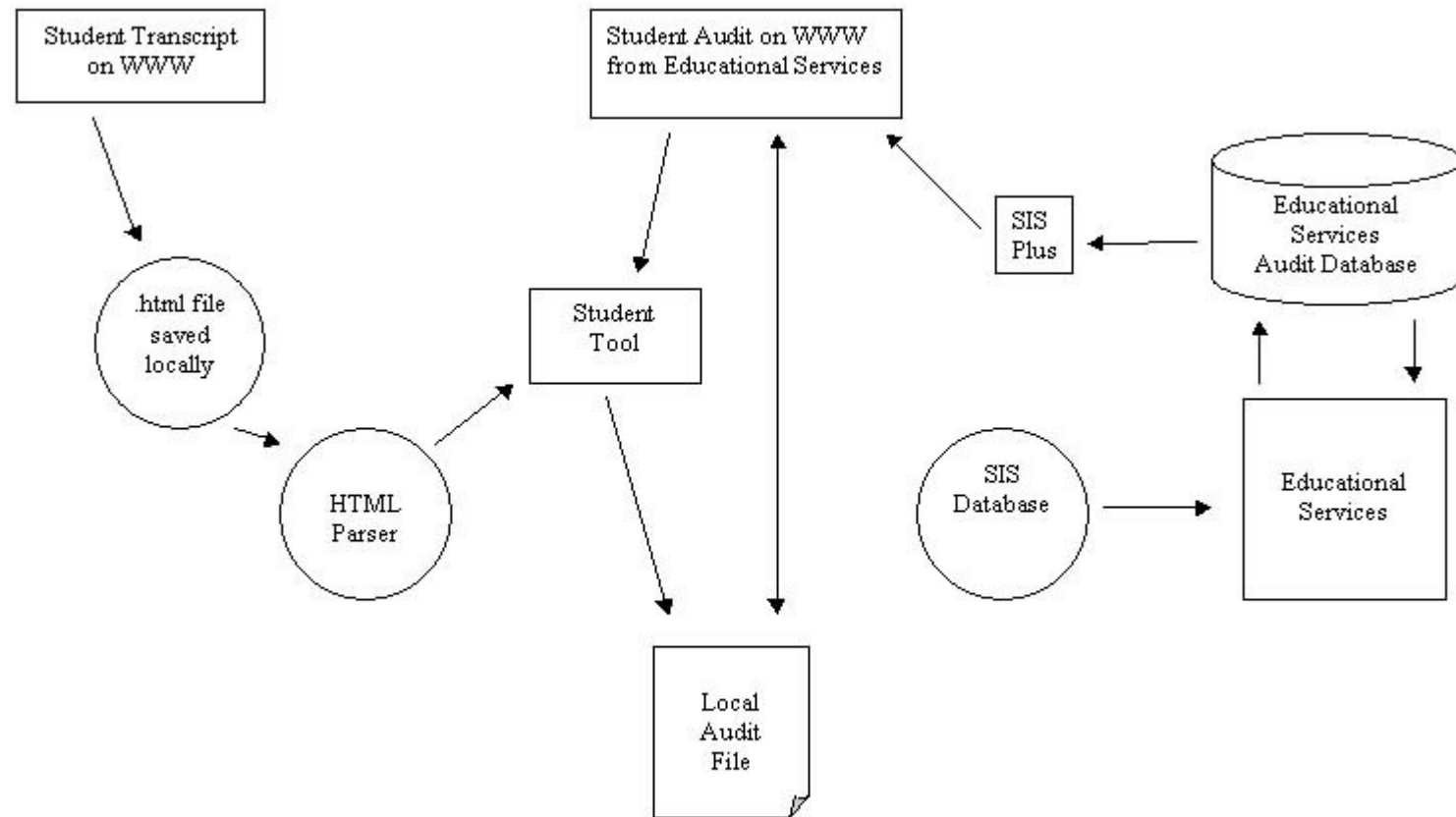
- Meeting Technical Needs:
 - Business (Cost Effective)
 - Legal (Security)
 - Ethical (Consistency)

- People Needs:
 - Survey results
 - Spec-gathering

Our Solution

- The solution we provided was an audit helper program that allows the students to do their own unofficial audits, and helps educational services with their audit process.

Implemented Solution



Demonstration of Prototype

Positives

- Task / Process being captured
 - Training

- Consistency
 - Student benefit

- Simplification
 - No Hard Coded Rules / Program of Studies

Future Prospects

- Software Learning Itself
 - from the captured process
v/s
'hard-coding' of rules/exceptions
- Further simplifying work of coming up with suggestions for course matching from historical data



Questions!
