

INTERFACE DESIGN

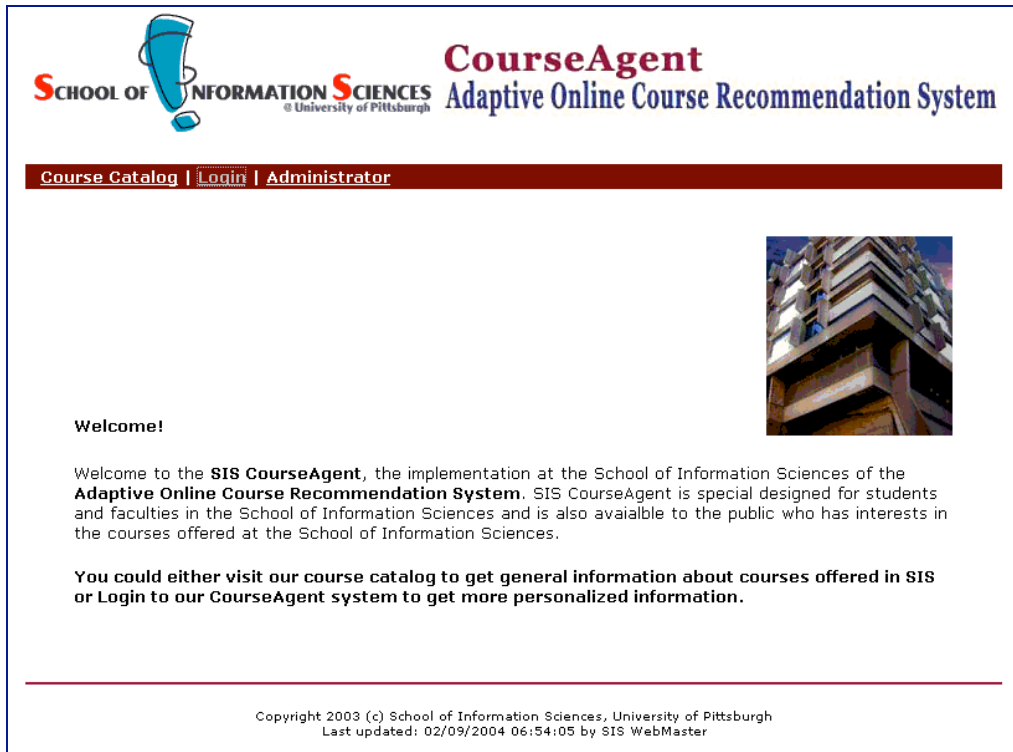


Figure 1. System Home

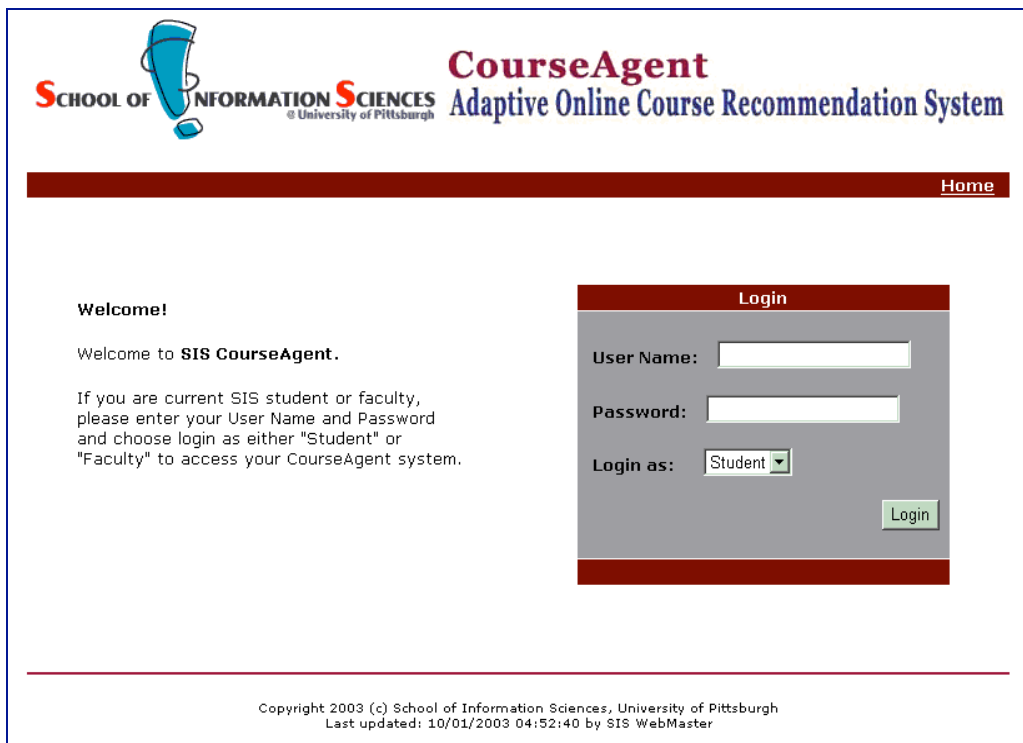


Figure 2. Login

SCHOOL OF INFORMATION SCIENCES © University of Pittsburgh **CourseAgent**
Adaptive Online Course Recommendation System

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qqmo 's
CourseAgent

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Hi, QQ

Welcome to the **SIS CourseAgent**, the implementation at the School of Information Sciences of the **Adaptive Online Course Recommendation System**. SIS CourseAgent is special designed for students and faculties in the School of Information Sciences and is also available to the public who has interests in the courses offered at the School of Information Sciences.

Figure 3. Course Agent

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Course V.S. Career Interests

Please evaluate the course listed below based on your personal experience. Thanks!

CRN: 43279
Course No: INFSCI 2100
Instructor: marekd
Term: 04-1

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- How would you rate this course overall:


- How would you say about the workload of this course:

How relevant is this course to each of your career goals:

| Position Title | Rate it |
|---|--|
| Graphical User Interface (GUI) Programmer : | <input type="text" value="Somewhat Relevant"/> |
| Web Application Developer : | <input type="text" value="Somewhat Relevant"/> |
| Web Designer : | <input type="text" value="Somewhat Relevant"/> |

Comment:

Figure 4. Course Evaluation



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CourseAgent

Adaptive Online Course Recommendation System

CourseAgent

2003 Spring Term

Schedule of Fall 2003

* Gray: Course Taken : Recommend by Advisor : Good Evaluation




| | CRN | Course No | Day | Time | Location | Instructor | Evaluation |
|---|-------|-------------|-------------|----------------|-----------|------------|------------|
|  | 15169 | INFSCI 2000 | wed | 6:00 - 8:50pm | Crawf 169 | pmunro | Review |
| | 43279 | INFSCI 2100 | wed | 12:00 - 2:50pm | IS 403 | marekd | Review |
| | 24017 | INFSCI 2140 | tue | 2:30-3:45 | IS 501 | pmunro | Review |
| | 15879 | INFSCI 2300 | tue | 6:00 - 8:50pm | IS 404 | metzler | Review |
| | 43302 | INFSCI 2440 | thu | 3:00 - 5:50P | IS 411 | metzler | Review |
|  | 20176 | INFSCI 2470 | tue | 6:00 - 8:50pm | IS 411 | ml | Review |
| | 43287 | TELCOM 2110 | wed | 3:00-5:50P | IS 405 | tipper | Review |
|  | 28296 | INFSCI 2610 | thu | 6:00 - 8:50pm | IS 405 | rogerf | Review |
| | 46217 | INFSCI 2611 | mon | 3:00-5:50P | IS 501 | karimi | Review |
|  | 14833 | INFSCI 2710 | tue | 3:00-5:50P | IS 404 | vz | Review |
| | 34380 | TELCOM 2200 | tue | 3:00-5:50P | IS 406 | thompson | Review |
| | 2010 | INFSCI 2940 | appointment | | | weiss | Review |
| | 43274 | INFSCI 2160 | mon | 6:00 - 8:50pm | IS 403 | hirtle | Review |

Figure 5. Adaptive Schedule View



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Adaptive Online Course Recommendation System

CourseAgent

Review Course Evaluation

Course No: INFSCI 2710
Title: DATABASE MANAGEMENT

Evaluation


Overall: ★★★★★
Workload: ★★★

Relevance to your career goals

Graphical User Interface (GUI) Programmer: ★★★
Web Application Developer: ★★★
Web Designer: ★★★

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Figure 6. Adaptive Class Rating



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[Advising Student](#)

Hi, Prof. BRUSILOVSKY !

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Figure 7. Advise Agent



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Adaptive Online Course Recommendation System

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List of Advising Students

| First Name | Last Name | E-mail | Degree | Start | End | Details | Advise |
|------------|------------|-----------------------|--------|-------|------|----------------------|----------------------|
| Li-Chen | Mao | maolichen@hotmail.com | master | 03-2 | 04-1 | View | View |
| QQ | Mo | qqmo@hellokitty.com | master | 04-1 | 05-1 | View | View |
| Vincent | Hsiu | vincent@hotmail.com | master | 03-1 | 04-1 | View | View |
| Ivy | Gentile | igentile@bc.pitt.edu | master | 03-1 | 05-1 | View | View |
| Polina | Hristozova | antonh@earthlink.net | master | 03-1 | 06-1 | View | View |
| Adamo | Mosca | mosca125@hotmail.com | master | 03-1 | 06-1 | View | View |
| Ying-Ying | Shih | yisst1+@pitt.edu | master | 03-3 | 06-1 | View | View |
| Guoliang | Xiang | xianggl@yahoo.com | master | 03-3 | 06-1 | View | View |
| Yuko | Asano | yasano@att.net | master | 04-1 | 06-1 | View | View |

peterb 's AdviseAgent

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Figure 8. Advising Students

FUTURE IMPROVEMENTS

- *Consistency in Navigation*
- *More Friendly Interface Design*
- *More enhanced level of adaptive functionalities*
- *Functionalities of Error Handling*
- *Provide more complete controls over modifying information to users*
- *Different Interface for different type of users*
- *Provide functionalities of adding suggested information to the system by users*