



INFORMATICS 131

HOMEWORK 1: APPLYING USABILITY PRINCIPLES

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Informatics 131 – Homework 1

Introduction

For the assignment of the application of the eight golden principles of interface design, I choose to analyze the UCI Schedule of Classes System, commonly referred to as UCI WebSoc. WebSoc is the system used by current students of UCI to understand the variety classes offered every quarter differing by department, time and other categories which can be decided by the user, but one out of four specified categories [General Education (breadth), Department name, Course Code/Range, Instructor] need to be entered to have a suitable outcome, which have a red star next to them to show that they are mandatory. You also have other categories such as Course Level, Course Type, Number of units, start time, end time etc. signified by the blue color to make the search for classes for students easier.

The eight golden rules of interface design are:

- Consistency
- Universal Usability
- Feedback
- Closure
- Error Prevention
- Reversal of Actions
- Control
- Memory

Out of the eight rules specified, the five that stood out to me for the UCI WebSoc system were: **Consistency, Universal Usability, Feedback, Reversal of Actions and Control**. I believe that the entire WebSoc system is essentially a list of classes and departments, and the web-based system sorts that huge list as per the entered criteria.

WebSoc can be accessed from the UCI registrar website or through the link directly [<https://www.reg.uci.edu/perl/WebSoc/WebSoc>].

Principle #1: Consistency

Consistency in terms of font, color and layout can be observed throughout the web system. The layout is extremely consistent on every result page. It starts off with search criteria first displayed, and then the quarter so specified.

Schedule of Classes search results

Search Criteria:

- Department: IN4MATX
- Exclude cancelled courses

Search Criteria

Fall Quarter, 2018 Currently in week 3.

Specified Quarter

After that, with every department, comments from the school which the department is part of, as well as comments from the department itself are displayed. If multiple departments are displayed, they are done so in alphabetical order and the classes within departments are sorted alphabetically and numerically.

Donald Bren School of Information and Computer Sciences

Donald Bren School of Information and Computer Sciences comments:

DEADLINE TO ADD/DROP/CHANGE GRADE OPTION FOR UNDERGRADUATE AND GRADUATE COURSES: The Donald Bren School of Information and Computer Sciences *STRICTLY* adheres to the campus deadline of **5:00pm on Friday of Week 2** for both undergraduate AND graduate level courses. For more information: <https://www.reg.uci.edu/enrollment/adc/exceptions.html>

To add, drop, or change the grading option of a course after this deadline, an online enrollment exception request must be submitted. Students should be prepared to submit documentation for any enrollment exception requests. *Approval of enrollment exception requests is not automatic.*

PREREQUISITES: Prerequisites are *STRICTLY* enforced. The School **WILL DROP** students from courses for which they have not satisfied prerequisites. If you find you have been dropped from a course, please check the course prerequisites and contact the ICS Student Affairs Office (<http://www.ics.uci.edu/grad/sao/index.php>) *BEFORE* attempting to enroll in the course again. Note that meeting the prerequisites for a course does not guarantee a space in the class.

GRADUATE ENROLLMENT IN UNDERGRADUATE COURSES: Graduate students may enroll in undergraduate courses with permission from the ICS Student Affairs Office, and *only if seats are available once undergraduates have registered*. Unauthorized students found enrolled in undergraduate courses **WILL** be dropped by ICS Student Affairs.

UNDERGRADUATE ENROLLMENT IN GRADUATE COURSES: Undergraduate students may enroll in graduate level courses *with the instructor's consent if seats are available after graduate students have registered*. Note that graduate courses taken as an undergraduate will not count toward a graduate degree program.

Informatics

Informatics department comments:

RESTRICTIONS: All IN4MATX courses will initially be **RESTRICTED** to majors in the Donald Bren School of Information and Computer Sciences *ONLY*. Note that some courses may be additionally restricted to specific majors and/or level.

ALWAYS CHECK a course's restriction status before enrolling in classes or making enrollment changes.

Courses restrictions will be updated throughout the enrollment period. See the ICS Course Updates page (http://www.ics.uci.edu/grad/sao/Course_updates.php) for more information.

DISCUSSIONS & LABS: Unless otherwise specified by the instructor, discussion and lab sections will begin meeting **AFTER** the first lecture.

Note that some lab sections will be scheduled in laptop instructional labs, ICS 364A or ICS2 170. Students attending these labs are required to bring a personal laptop to class meetings.

School Comments

Department Comments

The description of every class is also consistent in the order of: Code, Type, Section, Units, Instructor, Time, Place, Final, Maximum Enrollment Number, Current Enrollment Number, Waitlist Enrollment Number, Enrollment Requests, Restrictions (if any), Textbooks and Status.

Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req	Rstr	Textbooks	Web	Status
------	------	-----	-------	------------	------	-------	-------	-----	-----	----	-----	------	-----------	-----	--------

The class name and title, as well as a link to the class prerequisites if any are shown in a pink box. A class is displayed with lecture type first, then the discussion and lab if offered, and the columns alternate in blue and yellow. If a class is also referred to by another name, that name and department is mentioned in grey and white box below the class. This all can be noticed in the picture below. Usually if the class has space it shows 'OPEN' which is green color, 'Waitl' in red color if there is a waitlist for the class and 'FULL' in black color, if the waitlist is full as well.

In4matx 101 CONCEPT PGMG LANG I (Prerequisites)										Class name, title and prerequisites link	
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req
37020	Lec	A	4	KLEFSTAD, R.	MWF 12:00-12:50p	HSLH 100A	Mon, Dec 10, 1:30-3:30pm	336			
(same as 34120 CompSci 141, Lec A)											
37022	Lab	A1	0	STAFF KLEFSTAD, R.	M 1:00-1:50p	ICS 183		44	4 / 43	n/a	7 A
(same as 34122 CompSci 141, Lab A1)											
37023	Lab	A2	0	STAFF KLEFSTAD, R.	W 1:00-1:50p	ICS 183		44	2 / 42	n/a	7 A
(same as 34123 CompSci 141, Lab A2)											
37024	Lab	A3	0	STAFF KLEFSTAD, R.	F 1:00-1:50p	ICS 183		44	1 / 42	n/a	2 A
(same as 34124 CompSci 141, Lab A3)											
37025	Lab	A4	0	STAFF KLEFSTAD, R.	F 3:00-3:50p	ICS 364A		44	5 / 37	n/a	5 A
(same as 34125 CompSci 141, Lab A4)											
37026	Lab	A5	0	QUNAIBIT, M. KLEFSTAD, R.	F 4:00-4:50p	ICS 364A		40	0 / 33	n/a	1 A
(same as 34126 CompSci 141, Lab A5)											

Times New Roman font is used throughout the results of the system, and for most of the portions text is in Uppercase, except maybe for some such as the Type of class [lecture, discussion or lab], or the column headings etc.

In terms of consistency, the designer has done a good job maintaining the same layout throughout the web system, I believe this is mainly done to maintain uniformity throughout the website and keep the system organized. Consistency allows the user, which in these cases are often students to create a better sense of familiarity and reliability. It eliminates the element of confusion and gives a clearer view about the website to the user.

The result pages are usually consistent except in case of general education categories. In these cases, the class lectures are only displayed, and discussions and labs have a link next to the prerequisite link which leads you to a page with just the class alone. This can be noticed in the picture below. All other elements of the page remain the same.

I&C Sci 31 INTRO TO PROGRAMMING (Co-courses) (Prerequisites)										Co-courses Link	
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req
36560	Lec	A	4	ALFARO, S.	TuTh 11:00-12:20p	HIB 100	Tue, Dec 11, 10:30-12:30pm	304	334	n/a	900 A
(same as 34120 CompSci 141, Lec A)											
I&C Sci 32 PROG SOFTWARE LIBR (Co-courses) (Prerequisites)											
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req
36580	Lec	A	4	THORNTON, A.	TuTh 5:00-6:20p	ELH 100	Thu, Dec 13, 4:00-6:00pm	232	247	n/a	440 A
(same as 34122 CompSci 141, Lab A1)											
I&C Sci 33 INTERMEDIATE PRGRMG (Co-courses) (Prerequisites)											
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req
36620	Lec	A	4	PATTIS, R.	MWF 2:00-2:50p	HIB 100	Fri, Dec 14, 1:30-3:30pm	299	284	n/a	352 A
(same as 34123 CompSci 141, Lab A2)											
I&C Sci 51 INTRO COMPUTER ORG (Co-courses) (Prerequisites)											
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req
36670	Lec	A	6	NICOLAU, A.	TuTh 9:30-10:50	HSLH 100A	Thu, Dec 13, 8:00-10:00am	334	330	n/a	432 A
(same as 34125 CompSci 141, Lab A4)											

Another factor which consistency helps for is user control. Through the consistency maintained throughout the web system in terms of color, font and output displays.

Principle #2: Universal Usability

This principle can be seen with the fact that the system can be used by students of all majors and professors of all departments. Students and professors have the freedom to customize which department class they want to see and if the department has classes offered in specificity to the

Schedule of Classes

(Specify as many fields below as you want, but ONE or more of the red asterisk "*" fields MUST be specified)

Display Web Results Display Text Results Reset Menu

Term: 2018 Fall Quarter

Display Options: ☒ Show course comments ☒ Show final schedule

* General Education (Breadth): ☐ Do not filter for General Education (GE) categories

* Department Name: Include All Departments

* Course Number or Range: Include All Departments

* Course Level: AC ENG Academic English and ESL

* Course Code or Range: AFAM African American Studies

* Instructor: ANATOMY Anatomy and Neurobiology

* Course Title Contains: ANESTH Anesthesiology

* Units: ANTHRO Anthropology

* Days: ARABIC Arabic

* Starting Time After: ARMN Armenian (started 2018 Spg)

* Ending Time Before: ART Art (started 2013 Fall)

* Maximum Capacity: ART HIS Art History

* Courses Full Option: ART STU Art (until 2013 F5m)

* Web Font Size Percentage: ARTS Arts

* Cancelled Courses: (empty entries ok)

* Meeting Place: (empty entries ok)

To learn more about an input field

general education category he/she requested for, which can be seen in the picture above, where you have the option of not only including all departments, but also the option of specifying your department from the several departments which are sorted in alphabetical order.

As per my understanding, it shows me that the design of the WebSoc system was done keeping in mind the needs of the students but also the department heads at the same time. I believe it would be easier to maintain or further increase universal usability if instead of departments, classes could be sorted in terms of majors itself rather than departments allowing newer students to be easily affiliated with the system. A positive notion which I observed in terms of universal usability is that one can go from being vague to extremely specific in terms of the classes, so a new user could explore different classes at once or even simply type in the specific class he/she wants to look at, for example in the below picture only department is specified so all the classes associated with the department are displayed such as when they are trying to explore all the informatics classes offered that quarter:

Schedule of Classes

(Specify as many fields below as you want, but ONE or more of the red asterisk "*" fields MUST be specified)

Display Web Results Display Text Results Reset Menu

Term: 2018 Fall Quarter

Display Options: ☒ Show course comments ☒ Show final schedule

* General Education (Breadth): ☐ Do not filter for General Education (GE) categories

* Department Name: **IN4MATX Informatics**

* Course Number or Range: (empty entries ok)

* Course Level: Any course division

* Course Code or Range: 14200, 29000-35000

* Instructor: Smith

* Course Title Contains: protein

* Units: All Course Types

* Days: 3, 4, or VAR

* Starting Time After: MWTF, TuTh, W (courses will include asterisks specified)

* Ending Time Before: (empty entries ok)

* Maximum Capacity: >50, <20

* Courses Full Option: (empty entries ok)

* Web Font Size Percentage: 100 80, 100, 150

* Cancelled Courses: Exclude cancelled courses

* Meeting Place: Building code Room

Input

Output

In4matx 43 INTRO SOFTWARE ENGR (Prerequisites)															
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req	Rtr	Textbooks	Web	Status
37000	Lec	A	4	NAVARRO, E.	TuTh 8:00-9:20	ALP 1300	Tue, Dec 11, 8:00-10:00am	300	298	n/a	336	A	Bookstore		OPEN
37001	Dis	A1	0	SAWANT, A.	Tu 3:00-3:50p	ICS 180		50	50	n/a	51	A	Bookstore		FULL
37002	Dis	A2	0	SAWANT, A.	Tu 4:00-4:50p	ICS 180		50	50	n/a	52	A	Bookstore		FULL
37003	Dis	A3	0	DESHIPANDE, S.	Tu 5:00-5:50p	PCR 1200		50	50	n/a	52	A	Bookstore		FULL
37004	Dis	A4	0	DESHIPANDE, S.	Tu 6:00-6:50p	PCR 1200		50	50	n/a	46	A	Bookstore		FULL
37005	Dis	A5	0	PUNYAMURTHY, N.	Tu 7:00-7:50p	PCR 1200		50	50	n/a	47	A	Bookstore		FULL
37006	Dis	A6	0	PUNYAMURTHY, N.	Tu 8:00-8:50p	PCR 1200		50	48	n/a	39	A	Bookstore		OPEN
37010	Lec	B	4	ZIV, H.	TuTh 3:30-4:50p	EH 1200	Tue, Dec 11, 4:00-6:00pm	300	189	n/a	195	A	Bookstore		OPEN
37011	Lec	B1	0	HUDDAIR, A.	M 1:00-1:50p	PCR 1200		50	50	n/a	42	A	Bookstore		FULL
37012	Lec	B2	0	HUDDAIR, A.	M 2:00-2:50p	PCR 1200		50	49	n/a	51	A	Bookstore		OPEN
37013	Lec	B3	0	SALEHNAMAD, N.	M 3:00-3:50p	PCR 1200		50	50	n/a	43	A	Bookstore		FULL
37014	Lec	B4	0	SALEHNAMAD, N.	M 4:00-4:50p	PCR 1200		50	39	n/a	16	A	Bookstore		OPEN
37015	Lec	B5	0	HE, L.	M 7:00-7:50p	PCR 1200		0	0	n/a	1	A	Bookstore		FULL
37016	Lec	B6	0	HE, L.	M 8:00-8:50p	PCR 1200		0	1	n/a	1	A	Bookstore		FULL

In4matx 101 CONCEPT PMGM LANG I (Prerequisites)																
Code	Type	Sec	Units	Instructor	Time	Place	Final	Max	Enr	WL	Req	Rtr	Textbooks	Web	Status	
37020	Lec	A	4	KLEFSTAD, R.	MWTF 12:00-12:50p	HS/H 100A	Mon, Dec 10, 1:30-3:30pm	336	17	296	n/a	56	A	Bookstore	Web	OPEN
<p>Quizzes as 34120 CompSci 141, Lec A</p>																
37022	Lab	A1	0	STAFF	M 1:00-1:50p	ICS 183		44	4	43	n/a	7	A	Bookstore		OPEN

Differing from the picture above, the below picture shows that one can be more specific in terms of the class they wanted to look at, such as in the case the individual is trying to look for Informatics 101 with Klefstad:

Schedule of Classes

(Specify as many fields below as you want, but ONE or more of the red asterisk "*" fields MUST be specified)

Display Web Results
Display Text Results
Reset Menu

Term: 2018 Fall Quarter

Display Options: ☒ Show course comments ☒ Show finals schedule

*** General Education (Breadth):** Do not filter for General Education (GE) categories

*** Department Name:** IN4MATX : . . . Informatics

*** Course Number or Range:** 101

*** Course Code or Range:** 14200, 29000-29100

*** Instructor:** Klefstad

Course Title Contains: protein

Course Type: All Course Types

Units: 3, 4, or VAR

Days: MWF, TuTh, W (courses will cross-section with respect to)

Starting Time After:

Ending Time Before:

Maximum Capacity: >50, <20

Courses Full Option:

Web Font Size Percentage: 100, 80, 100, 150

Cancelled Courses: Exclude cancelled courses

Meeting Place: Building code Room

Display Web Results
Display Text Results
Reset Menu

Informatics

Informatics department comments:

RESTRICTIONS: All IN4MATX courses will initially be RESTRICTED to majors in the Donald Bren School of Information and Computer Sciences ONLY. Note that some courses may be additionally restricted to specific majors and/or level. ALWAYS CHECK a course's restriction status before enrolling in classes or making enrollment changes. Courses restrictions will be updated throughout the enrollment period. See the ICS Course Updates page (http://www.ics.uci.edu/grad/sao/Course_updates.php) for more information.

DISCUSSIONS & LABS: Unless otherwise specified by the instructor, discussion and lab sections will begin meeting AFTER the first lecture. Note that some lab sections will be scheduled in laptop instructional labs, ICS 364A or ICS2 170. Students attending these labs are required to bring a personal laptop to class meetings.

In4matx	101	CONCEPT PGMG LANG I	(Prerequisites)
37020	Lec	A 4	KLEFSTAD, R MWF 12:00-12:50p HSL/H 100A Mon, Dec 10, 1:30-3:30pm 336 17/296 n/a 56 A Bookstore Web OPEN
(same as 34120 CompSci 141, Lec A)			
37022	Lab	A1 0	STAFF KLEFSTAD, R M 1:00-1:50p ICS 183 44 4/43 n/a 7 A Bookstore OPEN
(same as 34122 CompSci 141, Lab A1)			
37023	Lab	A2 0	STAFF KLEFSTAD, R W 1:00-1:50p ICS 183 44 2/42 n/a 7 A Bookstore OPEN
(same as 34123 CompSci 141, Lab A2)			
37024	Lab	A3 0	STAFF KLEFSTAD, R F 1:00-1:50p ICS 183 44 1/42 n/a 2 A Bookstore OPEN
(same as 34124 CompSci 141, Lab A3)			

Input

Output

I wouldn't say that this system can be used universally, because it is meant to serve the students of University of California, Irvine with different majors and career interests. The system is universally usable if the universe population consisted of UCI Students and Faculty, students trying to get into UCI and individuals associated with UCI for a short or long period of time. Universal Usability in terms of WebSoc allows accommodation of all majors and students of UCI, make the results and content of the website accessible and usable by all.

Principle #3: Reversal of Actions

In the WebSoc system, there is permitted reversal of actions to allow anxiety relief and allow users to understand that errors can easily be undone. One way is through the ‘Reset Menu’ option on the initial page itself, which is highlighted in the screenshot below:

Schedule of Classes

(Specify as many fields below as you want, but ONE or more of the red asterisk "*" fields MUST be specified)

Display Web Results Display Text Results [Reset Menu](#)

Term:	2018 Fall Quarter	
Display Options:	<input checked="" type="checkbox"/> Show course comments <input checked="" type="checkbox"/> Show finals schedule	
* General Education (Breadth):	Do not filter for General Education (GE) categories	
* Department Name:	Include All Departments	
Course Number or Range:	H2A, 5, 10-20 (multiple entries ok)	
Course Level:	Any course division	
* Course Code or Range:	14200, 29000-29100	
* Instructor:	Klefsstad	Smith
Course Title Contains:	protein	
Course Type:	All Course Types	
Units:	3, 4, or VAR	
Days:	MWF, TuTh, W (courses will include all days specified)	
Starting Time After:		
Ending Time Before:		
Maximum Capacity:	>50, <20	
Courses Full Option:		
Web Font Size Percentage:	100 80, 100, 150	
Cancelled Courses:	Exclude cancelled courses	
Meeting Place:	Building code	Room

Display Web Results Display Text Results [Reset Menu](#)

Upon selecting ‘Reset Menu’, all categories are set back to their initial state, allowing user to re-enter all their desired entries if there was a possibility of an error. Users can also simply return to the previous page by selecting the back button on their browser and change the options. There is easy reversal of actions as most of the categories have drop-down menus which allows individuals to easily change their option after entry. In case, they have made several text entries such as for Course instructor, course number etc and they want to go back to their initial states, that is what the Reset Menu button is for. I believe that WebSoc designers did a good job in terms of allowing individuals to manipulate their entries from one form to another, but what could be improved upon is making those changes when they are already on the requested page,

← → ↻ ⓘ https://www.reg.uci.edu/perl/WebSoc/WebSoc

CONTACT US : FAQ TUESDAY, OCTOBER 16, 2018

UCI University Registrar Search Registrar site: [GO](#)

[UCI Home](#) : [Schedule of Classes](#) : [WebReg](#) : [StudentAccess](#) : [WebAdmin](#)

Schedule of Classes search results

Search Criteria:

- Department: IN4MATX
- Exclude cancelled courses

Fall Quarter, 2018 Currently in week 3.

Back button, offered by browser rather than system itself

Entered criteria is displayed

Donald Bren School of Information and Computer Sciences

Donald Bren School of Information and Computer Sciences comments:

DEADLINE TO ADD/DROP/CHANGE GRADE OPTION FOR UNDERGRADUATE AND GRADUATE COURSES: The Donald Bren School of Information and Computer Sciences *STRICTLY* adheres to the campus deadline of **5:00pm on Friday of Week 2** for both undergraduate AND graduate level courses. For more information: <https://www.reg.uci.edu/enrollment/adc/exceptions.html>

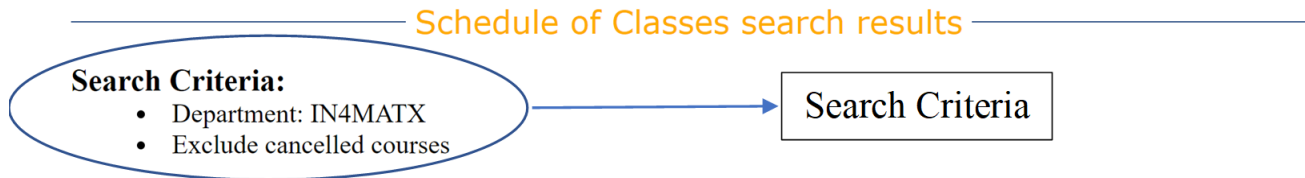
To add, drop, or change the grading option of a course after this deadline, an online enrollment exception request must be submitted. Students should

such as say in the situation one has already requested Web results for classes in the ICS department, but accidentally selected the In4matx department. In that case, there is no other way other than returning to the previous page by using a browser feature rather than a system feature which can be seen in the picture above. I would suggest having the menu being seen on all pages so there is easier change of entries, but I do appreciate the designers displaying the search criteria, so the user knows when there is a need to request reversal of entries, which can also be seen in the picture above.

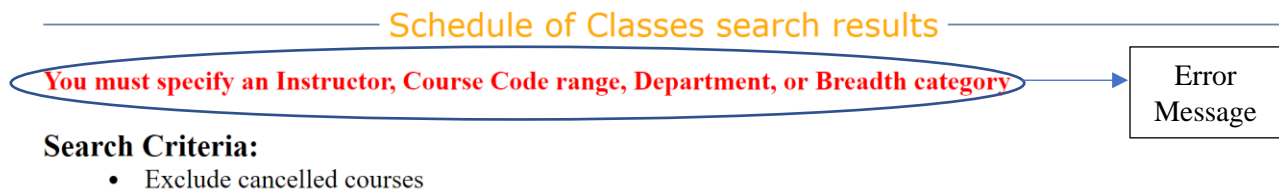
If the user or in this case, the student knows that the error can be undone, it gives them a sense of relief that there is an alternative to redoing the entire entry system over.

Principle #4: Feedback

WebSoc does a good job in providing feedback for common actions, such as the simplest one being displaying the entered search criteria on the top of the result page.



In the event that none of the four specified categories (out of which one had to be entered) aren't entered, hence causing an error. There is an appropriate error message shown on top of the result page with no other output.



Regular feedback helps the user, in this case the student to better understand what to do differently upon reversing of actions. In the first case, when the search criteria is mentioned, the feedback being displayed helps the user to go back and correct and make those entries again correctly. It maintains a strong level of connectivity between the designer and user in terms of error prevention. I believe the designer aimed to help the user understand about what to change when redoing the entries, rather than having a complete system crash.

Principle #5: Control

Red Star

Term:

Display Options:

* **General Education (Breadth):**

* **Department Name:**

Course Number or Range:

Course Level:

* **Course Code or Range:**

* **Instructor:**

Course Title Contains:

Course Type:

Units:

Days:

Starting Time After:

Ending Time Before:

Maximum Capacity:

Courses Full Option:

Web Font Size Percentage:

Cancelled Courses:

Meeting Place

WebSoc is completely run by the entries made by the student user himself/herself. Major control is in hands of the user itself, but there are certain things which were or are in control of the designer. The designer specified the categories in blue (picture on the left) from which the user then chooses. The user also possesses the freedom to choose what they want to see on the results page which is often from the choices offered in the drop-down menu or a simple text entry. I believe that the designer made the system keeping in mind that the student needs to be able to find their classes in shortest time possible and just required one entry minimum out of the four essential ones, which can be see with

a red star in the picture. They can also manipulate the output with some entries such as that of when whether they want to see the finals schedule

or not or they want to see the course comments or not, and they also have the option of viewing web results or text results.

Schedule of Classes

(Specify as many fields below as you want, but **ONE** or more of the red asterisk "*" fields **MUST** be specified)

Display Web Results Display Text Results Reset Menu

Term: 2018 Fall Quarter

Display Options: ☒ Show course comments ☒ Show finals schedule

General Education (Breadth): Do not filter for General Education (GE) categories

Department Name: Include All Departments

Course Number or Range: H2A, 5, 10-20 (multiple entries ok)

Course Level: Any course division

Course Code or Range: 14200, 29000-29100

Instructor: Smith

Course Title Contains: protein

Course Type: All Course Types

Units: 3, 4, or VAR

Days: MWF, TuTh, W (courses will include all days specified)

Starting Time After:

Ending Time Before:

Maximum Capacity: >50, <20

Courses Full Option:

Web Font Size Percentage: 100 80, 100, 150

Cancelled Courses: Exclude cancelled courses

Meeting Place: Building code Room

To learn more about an input field a

Drop-down menu

Term: 2018 Fall Quarter

Display Options: ☒ Show course comments ☒ Show finals schedule

General Education (Breadth): Do not filter for General Education (GE) categories

Department Name: Include All Departments

Course Number or Range: H2A, 5, 10-20 (multiple entries ok)

Course Level: Any course division

Course Code or Range: 14200, 29000-29100

Instructor: Smith

Course Title Contains: protein

Course Type: All Course Types

Units: 3, 4, or VAR

Days: MWF, TuTh, W (courses will include all days specified)

Starting Time After:

Ending Time Before:

Maximum Capacity: >50, <20

Courses Full Option:

Web Font Size Percentage: 100 80, 100, 150

Cancelled Courses: Exclude cancelled courses

Meeting Place: Building code Room

Display Web Results Display Text Results Reset Menu

Web or text Results option

Course comments and
Finals Schedule
customization