

Personas

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1. Introduction

This document is based off of the *Persona Template* as linked from the assignment outline from McMaster University, COMP SCI 4HC3. The **design project** involves creating a new user interface and user experience for university student management software. The focus has been on developing an improved system design as compared to McMaster University's current Mosaic software. Other university's systems have been researched and studied in previous milestones, and those results have informed design decisions for our replacement.

This document initially presents the personas used to develop our design. These personas were created to archetype the most common user types, and have been integral to developing a product that will satisfy all of them.

Following the personas, we've included two HTA's to highlight the two most important functions of the software – enrolling in courses and viewing one's class schedule. The simplicity of the HTA's as compared to those created from existing systems is an attestation to our efforts to reduce the complexity of core interactions with the product.

Finally, design documents for each page of the system are included. These include several revisions for each page (some underwent more revisions than others). Along with each revision we've included a brief description of what motivated our changes, and how they improve upon the design. Initial revisions for each page were sketched on paper for rapid prototyping, and subsequent revisions were created in Photoshop.

2. Personas

2.1 Persona 1 – Primary persona

Trevor Clark



- Born: London, ON
- Age: 22
- 3rd Year Engineering Student at McMaster

“When do classes start?”

Trevor is a third year Civil Engineering student at McMaster. He currently lives 10 minutes away from campus with some friends he met in first year. Trevor's parents are paying for his tuition and he has a student loan which he uses to pay for rent and food.

Trevor is unorganized and rarely goes to class. He also forgets to hand in assignments on time. Trevor is not a part of any clubs and prefers to spend his free time with his housemates playing video games.

Trevor has trouble remembering important dates, like his course selection or when his exams are. When he searches for information, he usually gives up after five minutes if he cannot find what he is looking for. Trevor would like it if the new course management system was quick and easy to use. He also would not mind it if certain information was made more accessible during certain times of the year (easy to see link to exam schedule around exam season).

2.2 Persona 2 – Secondary persona

Candice Smith



- Born: Oakville, ON
- Age: 18
- Grade 12 High School Student

“I don’t know what electives I want to take for university next year”

Candice has been accepted to the chemistry program at McMaster. Candice currently lives at home with her parents and will be moving into residence in the fall. Her parents are paying for her tuition, but Candice is paying for her residence and meal plan. Candice works part time at the Fortinos in her home town to save up money so she can go to the movies whenever new movies come out.

Candice has done well in all of her classes in high school and is a part of several high school groups; such as the volleyball team, track and field team and the Harry Potter fan club.

Candice has several electives that she can take, but she cannot decide which ones to enrol in. She has heard that she can change courses during the first couple weeks of class and plans on doing that if she ends up changing her mind. Candice has already made a list of classes she would like to take in her first year and is waiting for the course registration to open up. Candice would like the new course management system to allow her to browse all the courses available to her and would like it if there were descriptions for each course that she could read before she registers.

2.3 Persona 3 – Secondary persona

Adrian Lopez



- Born: Mexico City, Mexico
- Age: 20
- 2nd Year Geography Student on Exchange to McMaster

*"I have a lot of new things to get used to
in Canada"*

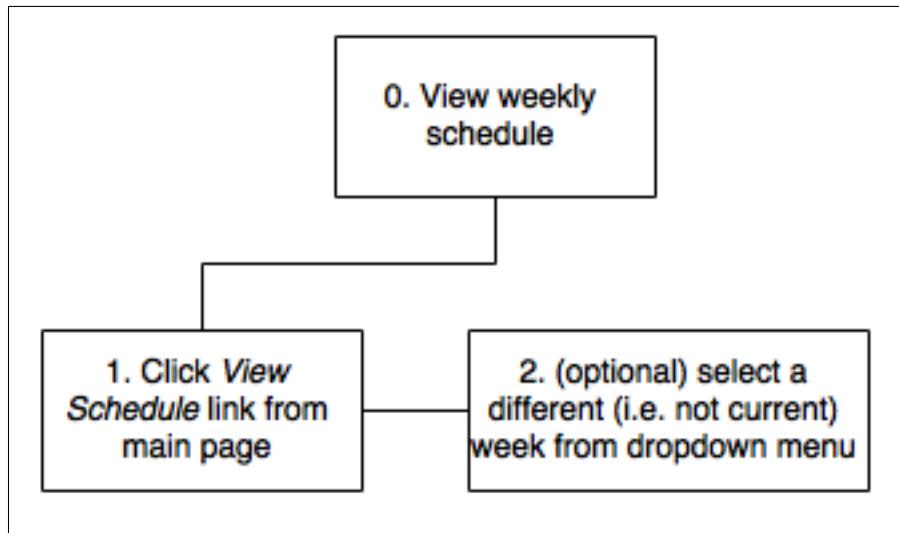
Adrian is a geography student from Mexico on exchange at McMaster for the year. Adrian is living in a house 20 minutes away from campus with other students in the foreign exchange program. Adrian's tuition is being paid for by a grant he received for being a part of the foreign exchange program. His parents are giving him some money for rent and food but Adrian has to pay for some of it himself. Adrian is a hard working individual during the week and can be found in the Thode library between classes. Adrian likes to get all of his assignments done during the week so he can spend his weekend going to clubs with his housemates and friends.

Adrian is a part of the improv club which he regularly goes to. Adrian has chosen a light course load this year as he would like some time to experience Canada before he goes back to Mexico next September.

Since English is not Adrian's first language he sometimes has trouble reading and understanding websites that are primarily text, and he can get confused while navigating to the information he is looking for. Adrian would like it if the new course management system was easy to navigate and intuitive enough that he doesn't need to read an instruction manual to know how to use it.

3. Hierarchical Task Analyses

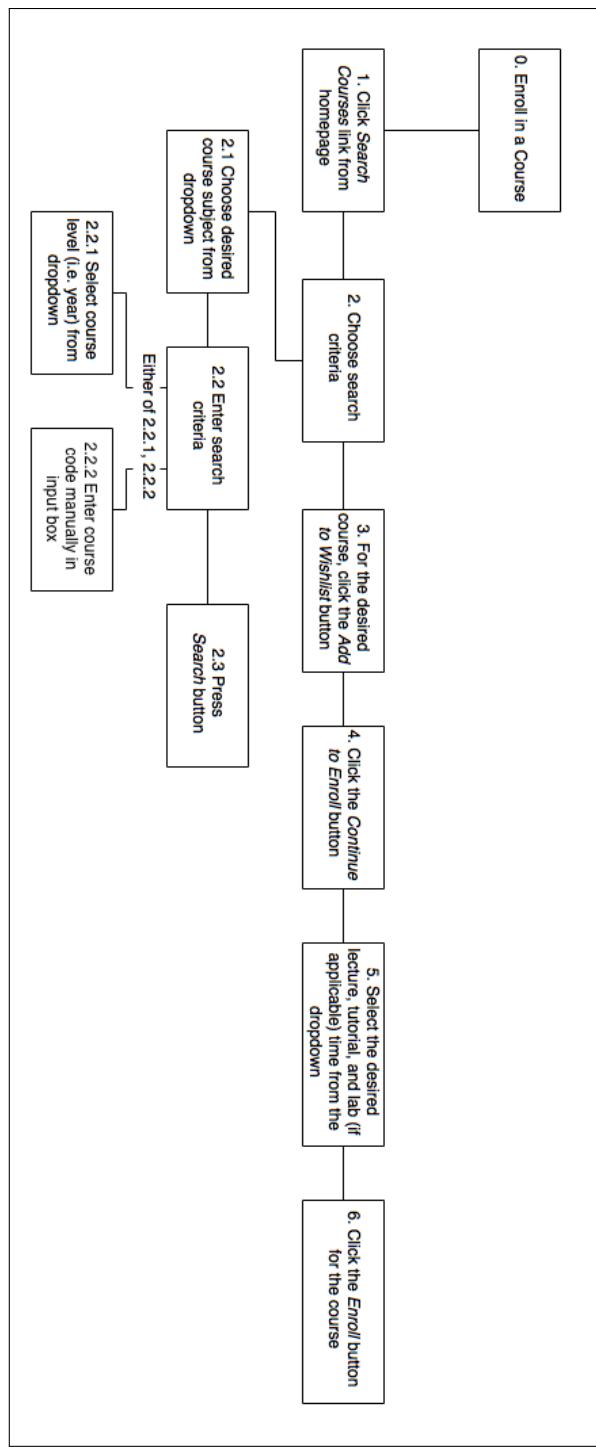
3.1 HTA 1 – Viewing weekly Schedule



Plan 0: do 1 – 2 in that order (to view schedule for other week and/or term)

Plan 1: do 1 only (to view current week's schedule)

3.2 HTA 2 – Enrolling in a Course

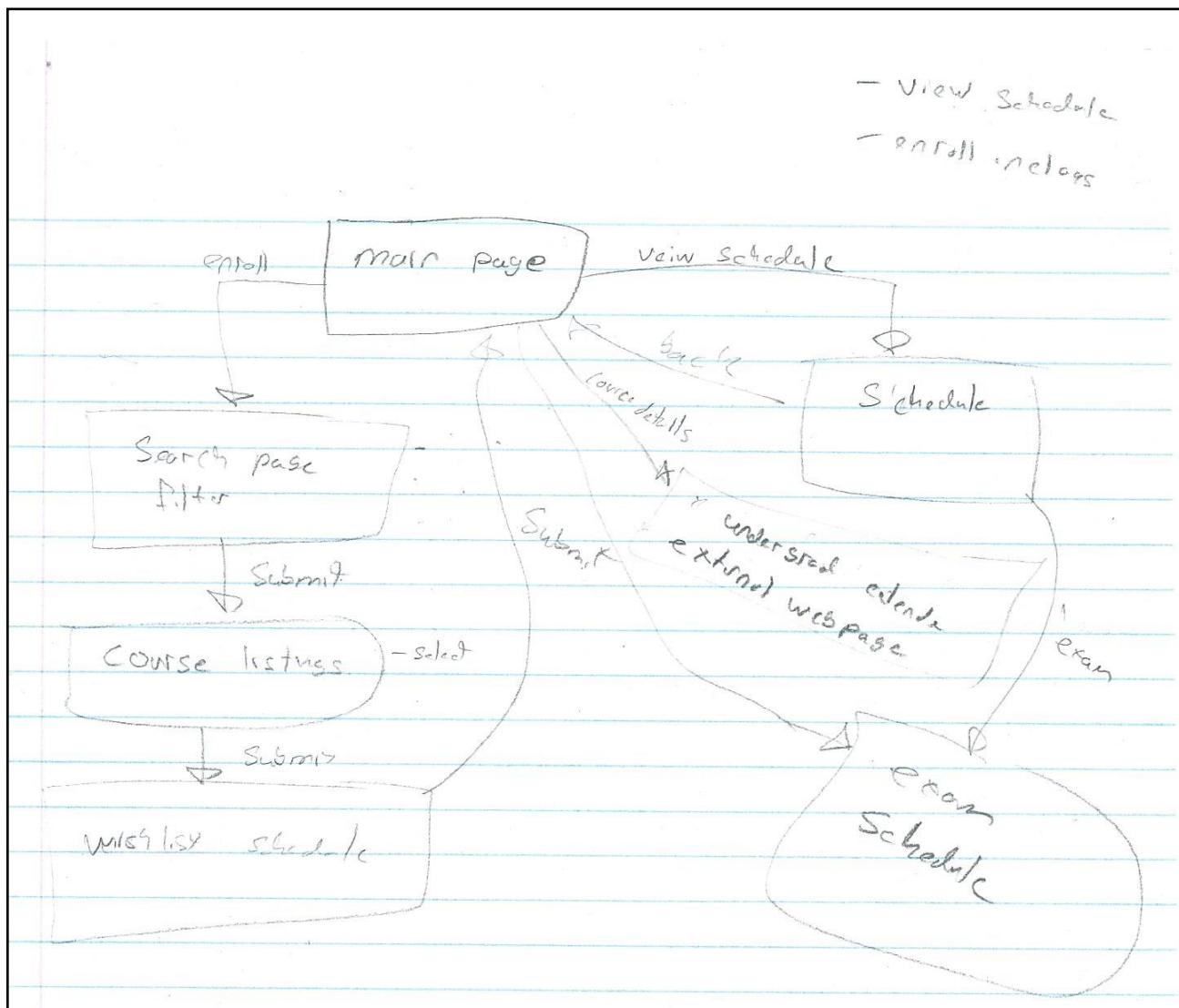


Plan 0: Do 1–2–2.1–2.2–2.2.1–2.3–3–4–5–6 in that order (to view all courses for one subject and year in the search listings page)

Plan 1: Do 1–2–2.1–2.2–2.2.2–2.3–3–4–5–6 in that order (to view a specific course via subject and course code in the search listings page)

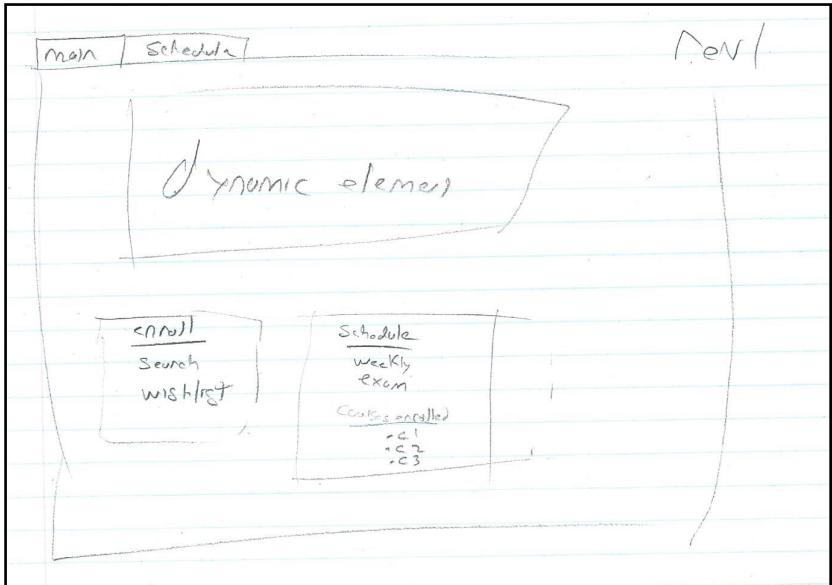
Flow Diagram - Revision 0

- Main page has links to all major functions
- Complex functions (i.e. enrolling) contain multiple steps, and link back to main page at the end
- Exam schedule similar to weekly, but uses month view (separate page)
- Link to undergraduate calendar where students read about course descriptions & requirements etc.



Main Page - Revision 0

- The main page consists of a dynamic element, as well as static elements which show some quick info at a glance and have links to the functions of the software
- The dynamic element will contain a link to a pertinent function based on the time of year, student's enrollment status etc. This could be a link to view the exam schedule near exam time, or to sign up for courses during the summer.
- The quick info in the static elements will be links to each of the functions contained within, and a list of courses enrolled in for the schedule element



Main Page - Revision 1

- Consistent navigation bar and account dropdown were added to the top of the page
- Added bright image to background of dynamic element to get user's attention
- Used three columns of "blocks" containing the main navigation. The reasoning behind this was mainly to ensure uniform formatting and sizes between the blocks
- No breadcrumb navigation pattern is used here as in the other pages. The reasoning for this was that as the home page the user will know exactly where they are, and as it is the top level there would not be any further navigation elements beyond a redundant link to itself

Screenshot of the McMaster University website main page. The header includes the McMaster University logo, a search bar, and a 'Quick Links' dropdown. The navigation bar below has links for Home, Undergrad Calendar, Schedule, Enroll, Drop, and Support. The main content features a large image of students studying, with the text 'Exam Season' and 'Check your exam schedule here'. Below this are three grey rectangular blocks: 'Enroll' (with 'Search' and 'Wishlist' buttons), 'View Schedule' (with 'Weekly' and 'Exam' buttons), and 'Courses Enrolled' (listing 'Course 1' through 'Course 5').

Main Page - Revision 2

- For revision 2 we returned to our original 2-module layout. After testing both options, we believe that showing relevant information to the specific module is more useful than a separate module with enrolled courses, especially if more modules are added in the future
- We moved the buttons in each module to the top. Our reasoning was that these are the primary actions that a user will take. The information below can be helpful for a quick glance, but generally the user will want to go deeper and go to a specific page, linked from the button
- We added a small separator to separate the dynamic element from the static content, as well as a bright green button as a call to action for the dynamic element
- For consistency with other pages we changed our button styles and module colours

McMaster University 

John Smith ▾

[Home](#) [View Schedule](#) [Search Courses](#) [Enroll/Drop](#) [Support](#)

Exam Season

Check your exam schedule here

[View Exam Schedule](#)



Enroll/Drop

[Search for Courses](#) [Enroll/Drop](#)

Wishlist:

COMP SCI 1BB3 Algorithms and Data Structures
COMP SCI 1B06 Computer Graphics

Schedule

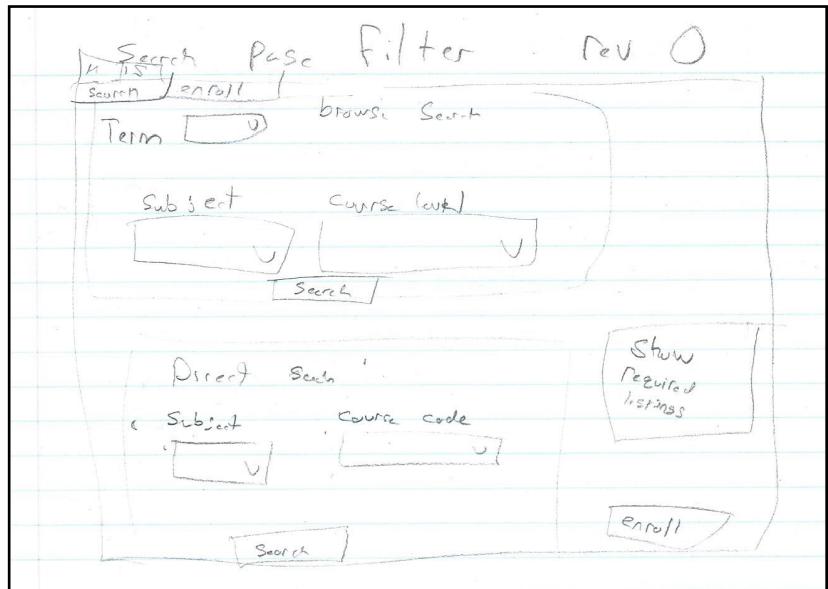
[Weekly Schedule](#) [Exam Schedule](#)

Enrolled Courses:

COMP SCI 1X03 Discrete Math and Logic
COMP SCI 1TB3 Introduction to Programming
MATH 1A03 Linear Algebra

Search for Courses - Revision 0

- The search page will allow the user to search for courses in one of two ways. They can select a subject from the dropdown and then a course level to see all courses from that subject, or they can select a subject from the dropdown and manually enter in a course code if they know it
- A button will link to the enroll page (where they enroll in courses from their wishlist)
- Another button will proceed to the search listings page and show the required courses for the user
- A dropdown at the top will allow the user to select which term they'd like to search for subjects



Search for Courses - Revision 1

- Consistent navigation bar and account dropdown were added to the top of the page
- Breadcrumb navigation pattern is used to show the user where they are in hierarchy of pages
- The two separate input boxes from revision 0 were consolidated. The reason for this was to prevent duplication of the subject dropdown and the search button, which could be confusing if they click the wrong one. Instead, the user enters a subject and then selects a course level (which would enable the search button) and optionally chooses the course code from a dropdown
- Removed "Term" dropdown — we decided that the user will add all courses they desire to their wishlist, and will deal with schedules once they are ready to enroll
- Removed "Enroll" and "Show Required Courses" buttons — we found these unnecessary, as they recreate functions provided by the navigation bar at the top

A screenshot of the 'Search for Courses' interface for Revision 1. The page features a McMaster University logo and a navigation bar with links for Home, View Schedule, Search Courses, Enroll/Drop, and Support. A user profile dropdown shows 'John Smith'. Below the navigation is a breadcrumb trail: Home > Search for Courses. The main content area is titled 'Search for Courses' and contains three input fields: 'Subject' (dropdown), 'Course Level' (dropdown), and 'Course Code' (dropdown). A 'Search' button is located at the bottom right of the input area.

Search For Courses - Revision 2

- Several small changes were made to ensure consistency across all pages, such as button styles and colours used
- We decided to separate the process into two distinct steps, and to show this use a large number 1 and 2 beside the action items for each step. When a step is completed, the number will turn green and the box containing the action item that was acted upon will also turn green
- Our reasoning for highlighting the box was to show the user what they've filled in, and connect it mentally to the green search button.
- We switched the course code dropdown to an input box, since the user will presumably already know the code if they plan on using that function, and it'll be faster for them to just type it
- If a user selects a level and then tries to type a course code (or vice versa), that action will blank their previous selection. For example, if they choose Level 2 from the dropdown and then type 1A03 into the course code input, the level dropdown will revert to its default unselected choice. This prevents ambiguity and constrains them from giving bad input

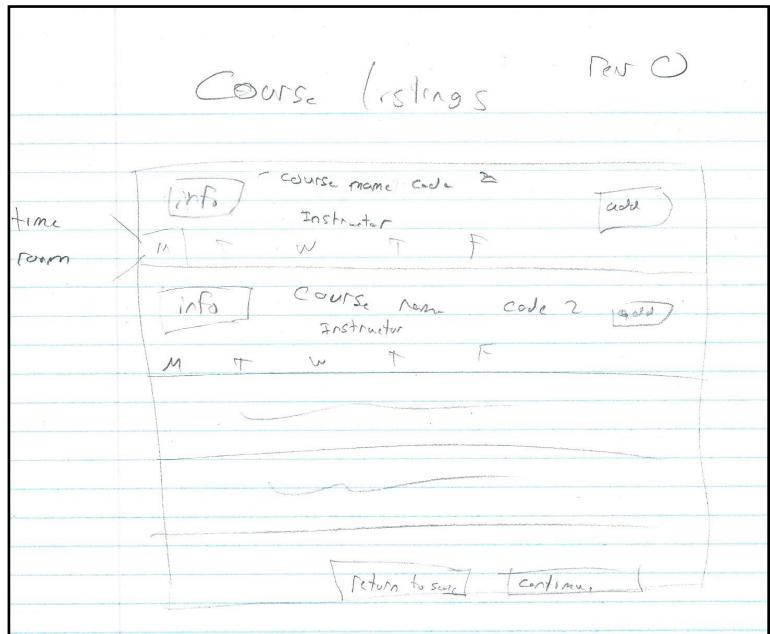
The screenshot shows the McMaster University website's search interface. At the top, the McMaster University logo and a dropdown menu for 'John Smith' are visible. Below the header, a navigation bar includes links for Home, View Schedule, Search Courses, Enroll/Drop, and Support. A breadcrumb trail indicates the current location: Home > Search for Courses. The main content area is titled 'Search for Courses' and is divided into two numbered steps:

- Step 1:** A green box labeled '1' contains a dropdown menu for 'Select Subject' with 'COMP SCI' selected.
- Step 2:** A green box labeled '2' contains two options: 'Select Level' (with 'Level 2' selected) and 'Enter Course Code' (with 'e.g. 1A03'). An 'OR' label is positioned between these two options.

At the bottom of the form, there are two buttons: 'View Wishlist' (white background) and 'Search' (green background).

Search Results - Revision 0

- “action buttons” at the bottom create flow to the next (or previous) pages when the user is finished
- each row has the same layout with different information
- the time of the lecture / tutorial is shown in a visual way unlike existing software that generally just states times in words. This is much easier to comprehend for the user (mappings) and lets them easily see which courses will fit nicely in their schedule



Search Results - Revision 1

- “Breadcrumbs” navigation pattern used consistently to show user where they are in hierarchy of website
- Consistent navigation bar and account dropdown were added to the top of the page
- A table layout is used to display all the relevant course information
- The user can select different lecture/tutorial/lab times to view possible times, but we've noted in the title bar that they can change their preferences before enrolling
- If a course is full, we show the enrolled number in red but still allow the user to add it to the wishlist
- If a course is already on the wishlist (or enrolled), the user is constrained in that they cannot add it again

McMaster University

John Smith

Home View Schedule Search Courses Enroll/Drop Support

Search for Courses Search Results

Search Results

Course Info	Timeslots (final times selected when enrolling)	Enrolled	Action	
COMP SCI 1203 Intro to Programming Dr. S. Smith	Lecture 1: M 9:30-10:20 (C01) Tutorial 3: 11:30-12:20 (T03) Lab 2: 14:30-16:20 (L02)	9:30-10:20 (C01)	14/35	Add to Wishlist
COMP SCI 1A06 Discrete Math and Logic Dr. R. Samani	Lecture 1: M 19:00-22:00 (C01) Tutorial 1: 12:30-13:20 (T01)	19:00-22:00 (C01)	48/50	Add to Wishlist
COMP SCI 1B03 Algorithms and Data Str... Professor TBD	Lecture 1: M 10:30-11:20 (C01) Tutorial 1: 10:30-11:20 (C01) Lab 1: 10:30-11:20 (C01)	10:30-11:20 (C01)	150/150	Add to Wishlist
COMP SCI 1T03 Code Analysis Dr. M. Dagg	Lecture 2: M 14:30-15:20 (T01) Tutorial 1: 19:00-22:00 (C02)	14:30-15:20 (T01)	27/85	✓ On Wishlist
COMP SCI 1X03 Computer Architecture Dr. S. Polgo	Lecture 1: M 11:30-12:20 (C01) Tutorial 1: 11:30-12:20 (C01)	11:30-12:20 (C01)	4/50	Add to Wishlist
COMP SCI 1XX3 Computer Graphics Professor TBD	Lecture 1: M 9:30-10:20 (C01) Tutorial 3: 13:30-15:20 (T03) Lab 1: 9:30-10:20 (C01)	9:30-10:20 (C01)	32/65	✓ On Wishlist
COMP SCI 1D03 Theory of Computation Dr. P. Church	Lecture 2: M 12:30-13:20 (C02) Tutorial 3: 15:30-16:20 (T03) Lab 1: 12:30-14:20 (C02)	12:30-13:20 (C02)	52/150	✓ Enrolled

Back to Search Continue to Enroll

Search Results - Revision 2

- The day headings for course times were moved to the title heading for each table to save space
- Lectures, tutorials, and labs each get their own row (sometimes empty) so that if a user has more than one on a specific day the height of the row will stay consistent
- A double height header is used to retain the important message that final times can be changed before enrolling will still showing the day headings for the times
- By default, all times will be set to the first slot (i.e. Lecture 1 or Tutorial 1). This is so the user never sees blank times in the table
- By default, the times for courses already on the wishlist are the same as the selected time on the wishlist, or if no time is yet selected, Lecture 1. For the enrolled courses, the times reflect the current enrolled times, but the user can change them if they're curious what other times are available
- We chose to still show courses that the user has on their wishlist or is enrolled in so as not to confuse them when they search for courses. For example, if they search for course code COMP SCI 1T03, they should see that course whether or not it's on their wishlist
- We discussed having the Add to Wishlist button change to "Remove from Wishlist" if the course is already on it, but decided it would be better to remove courses from the wishlist in one place only (the enroll page).

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Home View Schedule Search Courses Enroll/Drop Support

Search for Courses Search Results

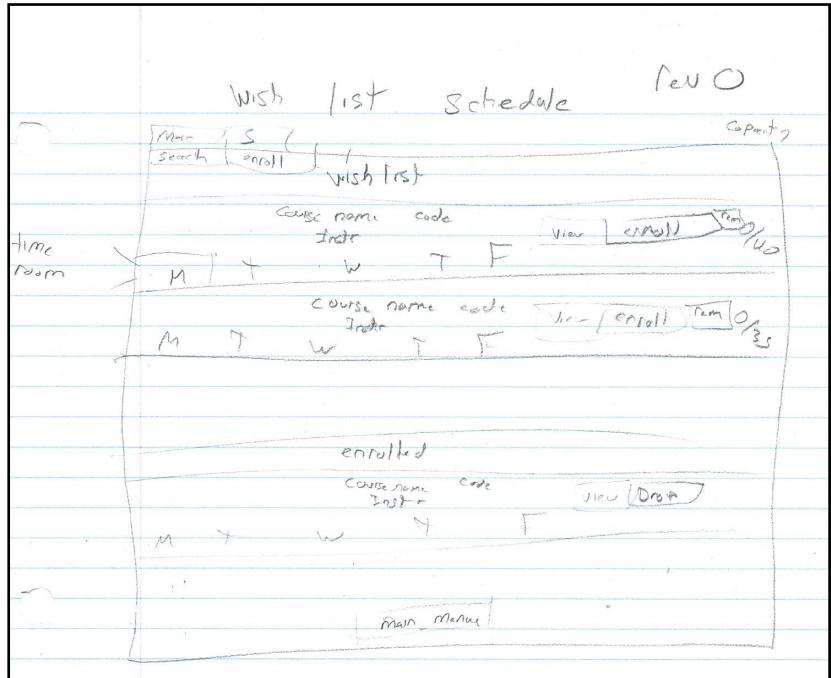
Search Results

Course Info	Times (final times selected when enrolling)						Enrolled	Action
		Monday	Tuesday	Wednesday	Thursday	Friday		
COMP SCI 1Z03 Intro to Programming Dr. S. Smith	Lecture 1 ↴ Tutorial 3 ↴ Lab 2 ↴	9:30-10:20 11:30-12:20 13:30-15:20		9:30-10:20 11:30-12:20	9:30-10:20 11:30-12:20		14/35	<button>Add to Wishlist</button>
COMP SCI 1A06 Discrete Math and Logic Dr. R. Samavi	Lecture 1 ↴ Tutorial 1 ↴	19:00-22:00 12:30-13:20					48/50	<button>Add to Wishlist</button>
COMP SCI 1B03 Algorithms and Data Str... Professor TBD	Lecture 1 ↴ Tutorial 1 ↴ Lab 1 ↴	8:30-9:20 13:30-14:20 14:30-17:20	8:30-9:20	8:30-9:20	8:30-9:20		150/150	<button>Add to Wishlist</button>
COMP SCI 1T03 Code Analysis Dr. M. Dagg	Lecture 2 ↴ Tutorial 1 ↴		10:30-11:20 14:30-15:20	10:30-11:20 14:30-15:20			27/85	<input checked="" type="checkbox"/> On Wishlist
COMP SCI 1X03 Computer Architecture Dr. S. Polgo	Lecture 1 ↴ Tutorial 1 ↴	14:30-15:20 11:30-12:20	14:30-15:20 14:30-15:20	14:30-15:20 14:30-15:20			4/50	<button>Add to Wishlist</button>
COMP SCI 1XX3 Computer Graphics Professor TBD	Lecture 1 ↴ Tutorial 3 ↴	11:30-12:20 15:30-16:20	11:30-12:20 15:30-16:20	11:30-12:20 15:30-16:20			32/65	<input checked="" type="checkbox"/> On Wishlist
COMP SCI 1D03 Theory of Computation Dr. P. Church	Lecture 2 ↴ Tutorial 3 ↴ Lab 1 ↴	10:30-11:20 16:30-15:20 12:30-14:20	10:30-11:20 16:30-15:20 12:30-14:20	10:30-11:20 16:30-15:20 12:30-14:20	10:30-11:20 16:30-15:20 12:30-14:20		52/150	<input checked="" type="checkbox"/> Enrolled

Back to Search Continue to Enroll

Enroll from Wishlist - Revision 0

- This page is separated into two main parts — a view of what courses the user has on their wish list, and a view of the courses the user is currently enrolled in
- Course information is shown in the same way as in the course listings page, maintaining a consistent interface and clearly showing course times to the user
- The user is able to see more information about a course by clicking a button
- The number of enrolled students is shown, and if the course is full they will not be allowed to enroll in the course (potentially they would add themselves to the waitlist)
- The user can enroll in a course by pressing the enroll button. A popup will appear asking for confirmation.
- The user drops courses by clicking the drop button for the course. A popup will appear asking for confirmation.



Enroll from Wishlist - Revision 1

- For revision 1, a consistent navigation bar was added to the top, as well as a user dropdown where the user can logout, access account settings etc.
- Dropdown to select the lecture time, tutorial time and lab time were added to the view
- A button to remove the course from the wish list was added
- Course codes link to the course page on the undergraduate calendar
- When changing the time of a tutorial, lecture, or lab of an enrolled course, that tutorial, lecture, or lab will be bolded and the Save Changes button will be enabled
- The enroll button is disabled until a lecture and tutorial (and lab if applicable) are chosen

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Home View Schedule Search Courses Enroll/Drop Support

Search for Courses Search Results Enroll from Wishlist

Wish List

Course Info	Timetable	Enrolled	Action
COMP SCI 1Z03 Intro to Programming Dr. S. Smith	Lecture 1: M 9:30-10:20 (C01) Tutorial 3: 9:30-10:20 (T01) Lab 2: 11:30-12:20 (C01)	14/35	<button>Remove</button> <button>Enroll</button>
COMP SCI 1A06 Discrete Math and Logic Dr. R. Samavi	Select... M T W T F	48/50	<button>Remove</button> <button>Enroll</button>
MATH 1ZZ3 Linear Algebra Professor TBD	Lecture 1: M 9:30-10:20 (C01)	27/150	<button>Remove</button> <button>Enroll</button>

Enrolled Courses

Course Info	Timetable	Enr.	Action
COMP SCI 1X03 What are computers? Dr. T. Murphy	Lecture 1: M 09:30-10:20 (C01) Tutorial 3: 13:30-16:20 (L02)	14/35	<button>Save Changes</button> <button>Drop</button>
ECON 1B03 Introduction to Macroeconomics Dr. R. Kressa	Lecture 2: M 11:30-12:20 (C02)	48/50	<button>Save Changes</button> <button>Drop</button>

Enroll from Wishlist - Revision 2

- The day headings for course times were moved to the title heading for each table to save space
 - Lectures, tutorials, and labs each get their own row (sometimes empty) so that if a user has more than one on a specific day the height of the row will stay consistent
 - When changing times for an enrolled course, that row is not highlighted green along with the Save Changes button to more clearly show their relationship
 - All buttons now have bold text for a consistent interface



John Smith

▼

[Home](#) [View Schedule](#) [Search Courses](#) [Enroll/Drop](#) [Support](#)



Wish List

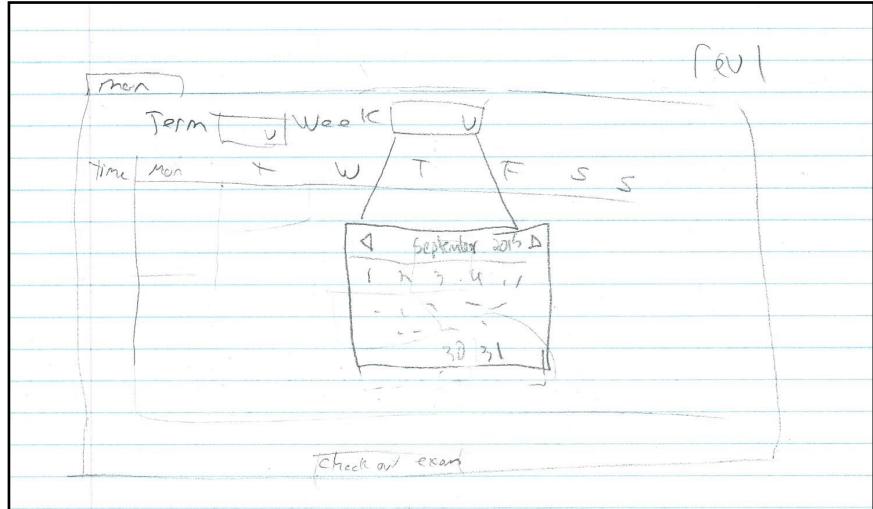
Course Info	Times	Monday	Tuesday	Wednesday	Thursday	Friday	Enrolled	Action	
COMP SCI 1Z03 Intro to Programming <i>Dr. S. Smith</i>	Lecture 1 ↓	9:30-10:20			9:30-10:20	9:30-10:20	14/35	Remove	Enroll
	Tutorial 3 ↓			11:30-12:20				Remove	Enroll
	Lab 2 ↓				11:30-13:20			Remove	Enroll
COMP SCI 1A06 Discrete Math and Logic <i>Dr. R. Samavi</i>	Select... ↓						48/50	Remove	Enroll
	Select... ↓							Remove	Enroll
MATH 1ZZ3 Linear Algebra <i>Professor TBD</i>	Lecture 1 ↓		11:30-12:20		11:30-12:20	11:30-12:20	27/150	Remove	Enroll
	Select... ↓							Remove	Enroll

Enrolled Courses

Course Info	Times	Monday	Tuesday	Wednesday	Thursday	Friday	Enr.	Action	
COMP SCI 1X03 What are computers? <i>Dr. T. Murphy</i>	Lecture 1 ↓	9:30-10:20			9:30-10:20	9:30-10:20	14/35	Save Changes	Drop
	Tutorial 3 ↓			11:30-10:20				Save Changes	Drop
	Lab 2 ↓	13:30-16:20						Save Changes	Drop
ECON 1B03 Introduction to Macroeconomics <i>Dr. R. Kressa</i>	Lecture 2 ↓			19:30-22:20			48/50	Save Changes	Drop
	Tutorial 1 ↓		11:30-12:20		11:30-12:20			Save Changes	Drop
								Save Changes	Drop

View Weekly Schedule - Revision 0

- The weekly schedule will allow users to select a week and a term, and a simple weekly calendar view will be shown
- A button at the bottom will link the user to the exam schedule
- Clicking the “week” dropdown will show a popup calendar where the user can visually see the week they are selecting. As soon as a week is selected, the calendar view will update



View Weekly Schedule - Revision 1

- Main menu and Schedule tabs were replaced with a consistent title navigation bar, and a user dropdown was added where the user can logout, access account settings etc.
- Buttons to switch between weeks were added, as well as a label showing what the current week was
- Date was added below each day of the week

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Home View Schedule Search Courses Enroll/Drop Support

<< previous week Week of 2015/11/23 - 2015/11/29 next week >>

Show Week of 2015/11/23 Start Time 8:00AM End Time 10:00PM refresh calendar

Time	Monday Nov 23	Tuesday Nov 24	Wednesday Nov 25	Thursday Nov 26	Friday Nov 27	Saturday Nov 28	Sunday Nov 29
8:00AM	ECON 2A03 - C01 Lecture 8:30AM - 9:20AM Burke Science Bldg. 106	COMPSCI 4HC3 - T04 Tutorial 8:30AM - 9:20AM Information Technology Bldg 235	ECON 2A03 - C01 Lecture 8:30AM - 9:20AM Burke Science Bldg. 106				
9:00AM	COMPSCI 4003 - C01 Lecture 9:30AM - 10:20AM Michael G. DeGroote Cntr 1309			COMPSCI 4003 - C01 Lecture 9:30AM - 10:20AM Michael G. DeGroote Cntr 1309			
10:00AM	COMPSCI 4HC3 - C01 Lecture 10:30AM - 11:20AM Health Science Centre 3A6	COMPSCI 4003 - C01 Lecture 10:30AM - 11:20AM Michael G. DeGroote Cntr 1309	COMPSCI 4HC3 - C01 Lecture 10:30AM - 11:20AM Health Science Centre 1A6	COMPSCI 4HC3 - C01 Lecture 10:30AM - 11:20AM Health Science Centre 1A6	ECON 2A03 - C01 Lecture 10:30AM - 11:20AM Burke Science Bldg. 106		
11:00AM							
12:00PM	COMPSCI 3FP3 - C01 Lecture 12:30PM - 2:20PM Building T13 107	COMPSCI 4ZP6A - C01 Lecture 12:30PM - 2:20PM Life Sciences Building B130E		COMPSCI 4ZP6A - C01 Lecture 12:30PM - 2:20PM Life Sciences Building B130E			
1:00PM			COMPSCI 3FP3 - C01 Lecture 1:30PM - 2:20PM Building T13 107				
2:00PM		COMPSCI 3FP3 - T01 Laboratory 2:30PM - 3:20PM A.N. Burns Bldg 270					
3:00PM					COMPSCI 4003 - T02 Tutorial 3:30PM - 4:20PM Burke Science Bldg. 108		
4:00PM							
5:00PM							

See Exam Schedule

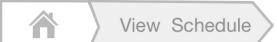
View Weekly Schedule - Revision 2

- “Breadcrumbs” navigation pattern used consistently to show user where they are in hierarchy of website
- Previous and next buttons replaced with dropdown to select week. This decision was made to simplify selecting a week, as the user has a strong model of the mapping between a calendar month view and the date, and the dropdown would show such a month view, allowing them to easily see what week they’re selecting
- Extraneous functions were removed to simplify the page
- Sunday was moved to the beginning of the week for consistency with the rest of the site and common patterns in Western society
- Times were switched to 24 hours to reduce ambiguity. This decision was not easily made, however we believe that all students will be familiar with 24 hour time (especially international students), and it removes any ambiguity when looking at a time in text format

McMaster University 

John Smith ▾

[Home](#) [View Schedule](#) [Search Courses](#) [Enroll/Drop](#) [Support](#)

 View Schedule

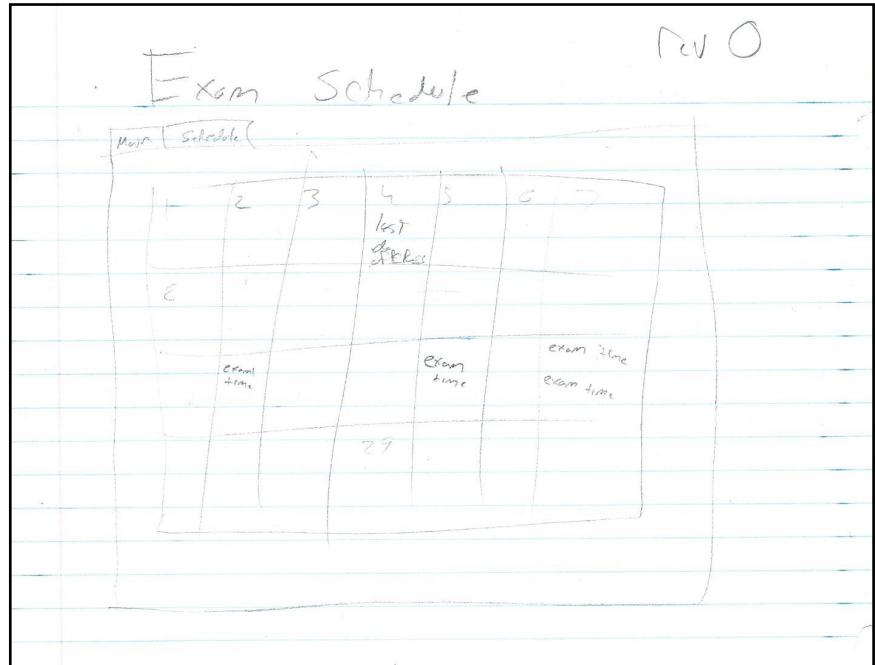
Class Schedule: November 22-28, 2015 ▾

Time	Sun. Nov 22	Monday Nov 23	Tuesday Nov 24	Wednesday Nov 25	Thursday Nov 26	Friday Nov 27	Sat. Nov 28
08:30							
09:30							
10:30		COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309	COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309		COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309		
11:30		COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309	COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309			COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309	
12:30							
13:30							COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309
14:30				COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309		COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309	
15:30							
16:30							
17:30							
18:30							
19:30			COMP SCI 1X03 (C01) 09:30 - 10:20 MDCL 1309				
20:30							
21:30							
22:00							

[View Exam Schedule](#)

View Exam Schedule - Revision 0

- A month view will be used for exam schedules, as generally the user will have several exams spread over a few weeks, so this view is more helpful to them
- The date, course, and location of each exam will appear in their respective squares in the calendar
- The last day of classes will be marked on the calendar



View Exam Schedule - Revision 1

- Main menu and Schedule tabs were replaced with a consistent title navigation bar, and a user dropdown was added where the user can logout, access account settings etc.
- Colour is used to differentiate between exams and other days (such as the last day of lectures)
- A large heading is used to show the current exam period

McMaster University

John Smith

Home View Schedule Search Courses Enroll/Drop Support

December 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2	3	4	5
6	7	LAST DAY OF LECTURES 8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

View Exam Schedule - Revision 2

- A dropdown is used to allow the user to switch between exam periods. We chose to combine the header describing the current exam period with this to reduce information duplication
- “Breadcrumbs” navigation pattern used consistently to show user where they are in hierarchy of website
- Text styles are used to differentiate different pieces of information. This lets the user see at a glance which text refers to which information
- If the user has multiple exams on the same day, the day is highlighted red and a button is added allowing them to view both exams in a popup. Red is used as this is usually not desired, and to signify the user may want to try and move one of them

The screenshot shows the McMaster University website interface for viewing the exam schedule. At the top, the McMaster University logo is displayed, followed by a dropdown menu showing "John Smith". Below the logo is a navigation bar with links for Home, View Schedule, Search Courses, Enroll/Drop, and Support. Underneath the navigation bar is a breadcrumb trail: a house icon, "View Schedule", and "Exam Schedule". The main content area is titled "Exam Schedule: Fall 2015" with a dropdown arrow. Below the title is a calendar grid for the month of November 2015. The days of the week are labeled 29, 30, 1, 2, 3, 4, and 5. Specific dates are highlighted with colored boxes: November 8 is blue with the text "Final Day of Classes: Fall 2015"; November 10 is green with the text "COMP SCI 1X03 12:00 - 15:00 ITB AB102"; November 16 is red with the text "Multiple Exams" and a "View Exams" button; November 22 is green with the text "COMP SCI 1AA3 19:00 - 22:00 IWC 3 (1)"; and November 5 is blue with the text "First Day of Classes: Winter 2016". The rest of the days in the month are shown in light gray.