DEGREE WORKS RE-DESIGN

By: Vien-Joseph Billete

PROJECT BREIF

The project is to design a UX UI for Montclair State University's Degree Works, Audit. My goal is to find out what is the problem with Degree Works, and execute it by doing research.

My research consists of interviews, to figure out what is wrong with Degree works and to run tests to watch my interviewees behaviors and personalities. By doing so I am able to find out problems and then work to fix them by creating a new design that will help and satisfy the needs of my interviewees. With that being stated from the data that I have collected, I developed personas and scenarios to help beta test my design.

My design primarily satisfies the needs and wants of my primary personas, and the given scenarios of that "What if."

In my design, I designed the UX UI to be like a helping person. A person that understands its user's every wants and needs of their significant other. Therefore I developed it to be fully interactive, by allowing the users to proceed with actions, and also initiate those actions with buttons, and scrolling.

A nice person also is very informative. Therefore my design provides information of certain of announcements and even gives words of encouragement.

My design not only encourages, but also providing the classes needed without the user going to look for it. However if he or she decides that he or she would like to re-alter his or her courses,

he or she may do so, but without the hassle of not knowing what to take next because a 4-year plan is given to the user.

Not only are my users allowed to explore, but they are also given what they want to know right off the back, and not having to search for things they do not need to know, or having to calculate, because the UX UI will do all of those.

I hope that you will enjoy the design, as there was a lot of thought and development put into creating this design. And I feel that I have accomplished to satisfy my users, and I feel that I have a well designed system that is able to help not just the primary users, but also my secondary and supplementary users as well.

However my design is made only for the Desktop, I do believe it has the potential to be an app in the near future. Therefore my user can only use it either on their own laptops or work or school computers as well.

Lastly the user is able to use the UX UI whenever he or she needs to. Weather its before registration, on registration, or just to check their status, and more. However because this is for educational and school use only, the user cannot watch videos or listen to music within the UX UI design of Degree Works, because it is not designed for entertainment.

DEGREE WORKS RE-DESIGN

TABLE OF CONTENTS

PRIMARY PERSONA

KIRAN KHAN

TRANSFER STUDENT

BUSINESS MAJOR

JUNIOR

PRIMARY PERSONAS

Persona number one are students at the ages of 23 and are transfers as well. They dress very professional, and have a goal in their college career. They are heavy loaded with part time work, and being a full time student, therefore they track their classes daily and also make sure that they are on the right track to graduation all the time. They also love to drink coffee, sit in a cafés, and read fictional books during their free time. They are more professional, and have a direct voice of what he or she needs to do. They also pay attention to every surround they have, weather it is in class, or at work. These groups of students are hard working, and dedicated students to what their passions are. For an example one of the students is a Fashion major at Montclair State Universtiy she will pay attention to her classes and how she did, then she will need to register for the semesters to come. Therefore knowing her next step is very important for this person. That includes seeing if the class is available for the next semester, and teachers that teach the course that she needs. They also like things to be heavily organized and easy to access, which means with minimal effort things they want the information to be easily attained rather than doing a scavenger hunt to find the data or information needed. These people uses both smart phone and desktop interfaces because they want to know their standings periodically. These groups of people are heavily experienced with using interfaces like Degree Works because their previous college was using an interface like this. A part from this they will always need to know if the information given are correct, up to date, and have no crashing issues. Also from a collection of information they also would like the interface to be easy to use, and able to connect or flow to the home screen. As you can also see these people are heavily detailed and likes things to be available anytime. Also their favorite foods are fairly vegan and vegetarian. Also their favorite genres of music are jazz, and pop music. I thought I'd throw this in there, because that whole café' aspect is nice.

SENARIO 1

She is a transfer student from Bergan Community College. She usually uses Degree Works 3 times a semester. First time she looks at Degree Works she checks how the classes are, her credits that are being transferred, and what courses has been transferred to Montclair weather it is in her major or just other courses. As the semester reaches the middle she is now checking when the time and date of when to register. Then she checks what classes she needs and tries to create a schedule already, because she once its time to register she is ready. Now that she has her classes she has to book an appointment to meet up with her advisor. However in degree works she could only contact her advisor but didn't know her schedule or when she will be in her office so she had to go find out herself. She said, "ah that's in convenient, I would want to book an appointment to see my advisor through degree works and not have to walk to her office to find out when." She also suggested that maybe as she looks up her classes she could see the rating of the professors so she knows who has high ratings, because most student goes on rate my professors to look at the high rating professors and their classes. Therefore she would seriously want that. Now from here it reaches to registration, as she logs on to NEST, she will now register for her classes, and then check again on degree works to see if her classes has gone through. She will then check her credits, GPA, Academic Standing, etc. as she flows through degree works. She now has a problem, the degree works crashes and she has no way of contacting IT to find out what's going on. Now she is worried, scared, and in shock to know that she cannot check her status until it reboots back up. She is really frustrated with degree works, from the layout to overall user flow. She only goes on degree works on her laptop, therefore the layout is a desktop layout. She also uses her laptop on campus and in the comfort of her own room. She likes being at home more because she can sit in front of the computer and look at degree works while going on youtube, and facebook. These are not draw back factors, but the fact that her interests is more on social media than degree works. Overall she will only use degree works as needed, and on her free time besides doing homework, eating, and dancing, the things she does on the computer is go on social media.

PRIMARY PERSONA

AARON PARK

CURRENT STUDENT
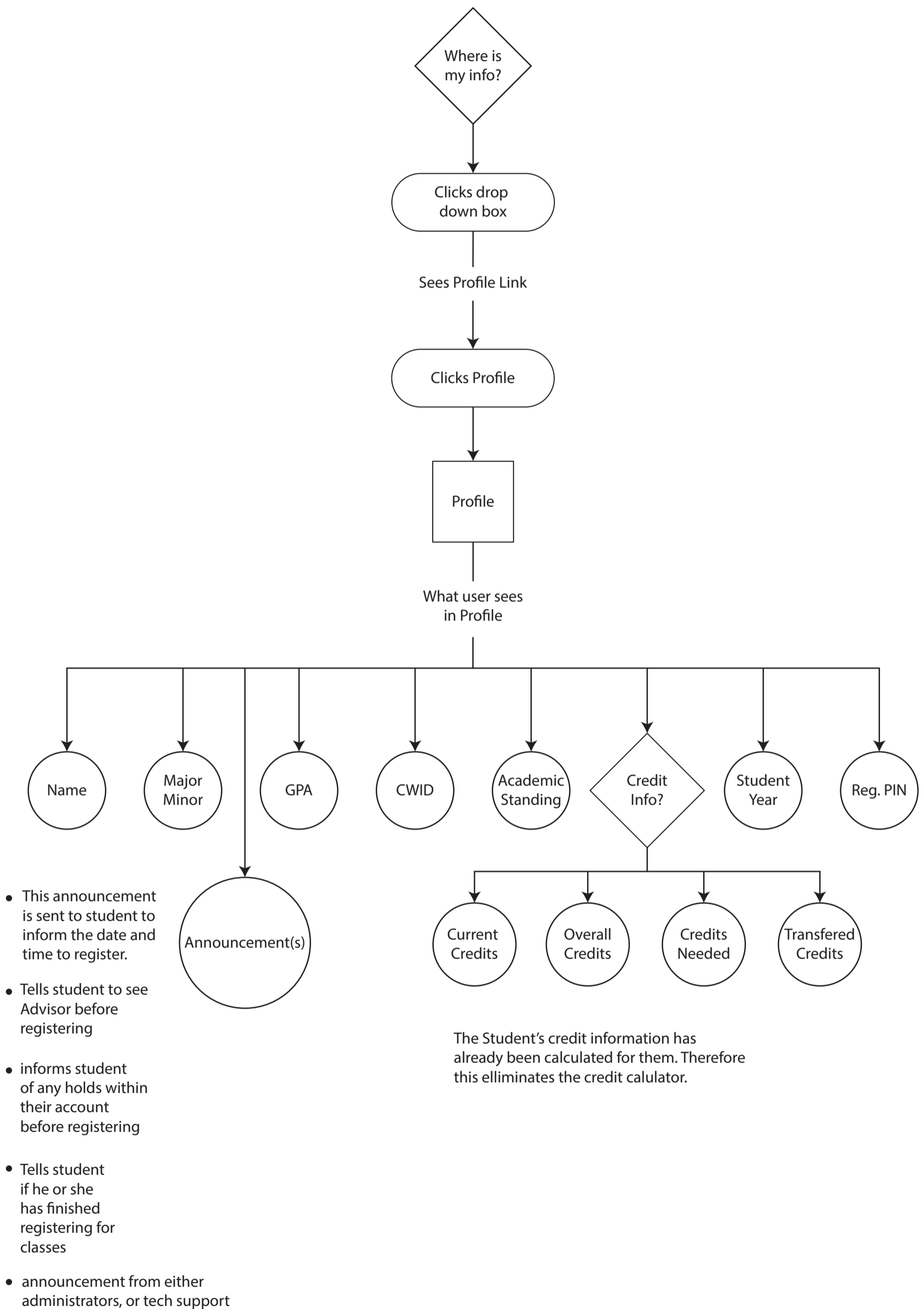
PSYCOLOGY MAJOR

SENIOR

SECONDARY PERSONAS

Persona number two are students at the ages between 19-21 and are current students at Montclair State University, but they came to Montclair State Universtiy after working for a year or 2 from high school. They decided to take a break from school because they needed to save money and also make money to take classes. They are also not full time students as well but part time and work for a fine dinning restaurant. They dress casual but hipster like. They like things to be designed in a way they can stop and stair at things for a long time. They also use a smart phone and desktop for their Internet or home-work needs. Their daily life more about being more so outgoing, and not always being in such as rush. They are also more laid back and chill, because they will hang out with you and have a burger once in a while from Zinburger. Now they will use Degree works to check their credits and courses, however they only use this interface about times a semester. They will more than likely look at them in the beginning and the end of the semester to check if their credits and courses are up to date. They also need to know when their advising days and times are because they are not full time students they need to know if they are able to register early or wait for advising. Aside from Perso-na 1 they also want the interface to be aesthetically pleasing like a nice high-end interface. They want the interface to work like what Persona 1 wants but also wants the interface to look good, be less crowded and relaxed, because they will feel overwhelmed with so much information being thrown to them at once. These people also listen to more chill vibes R&B music, so it shows how relaxed these people are.
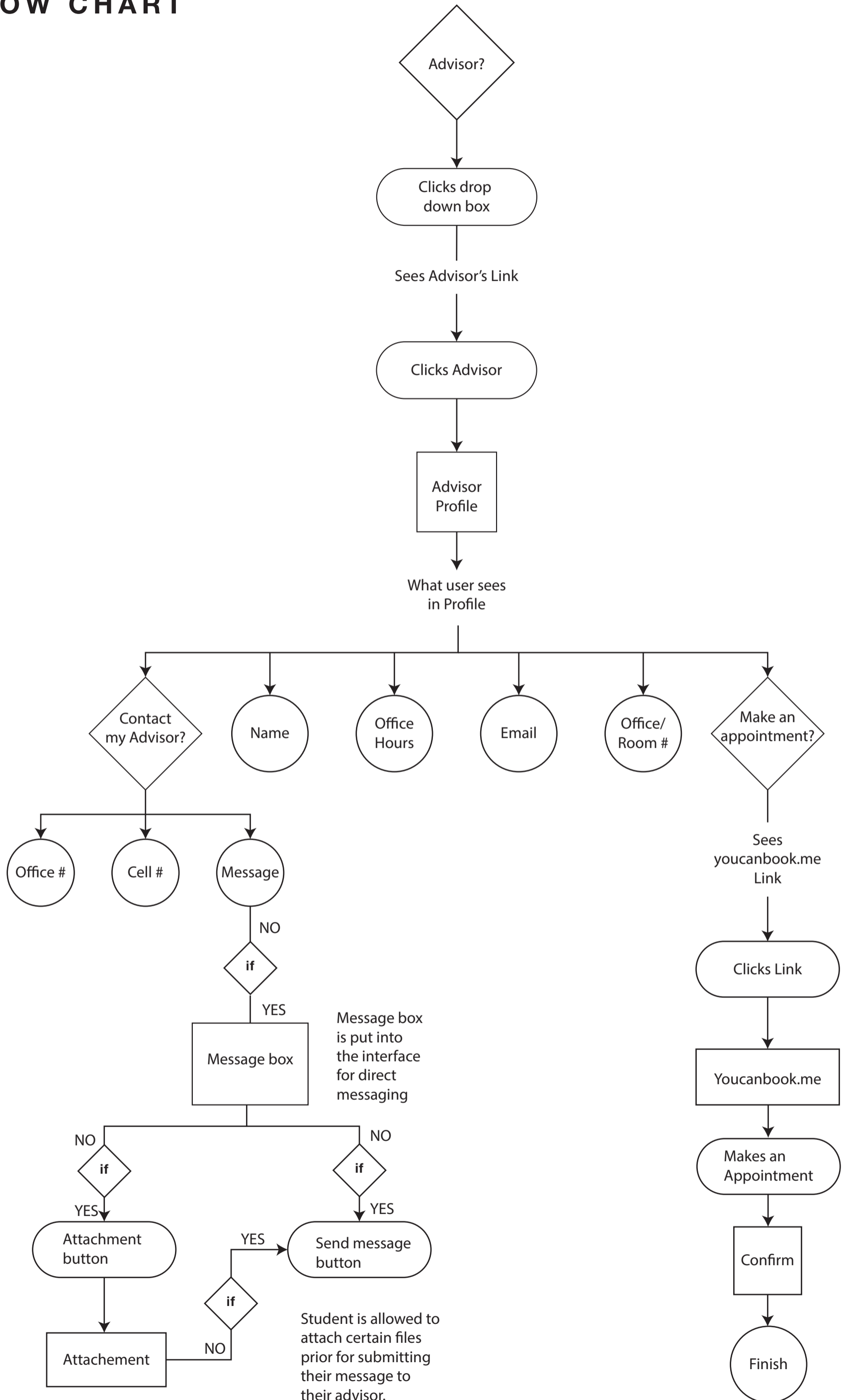
SENARIO 2

He is a current student at Montclair State, and he is only interested in his classes when he has to register. He uses canvas and nest more than degree works because for school those are the primary user interface for his classes and registration. He rarely uses degree works, but if he does its once a semes-ter, just so he can meet up with his professor and have the audit printed out. He is more sports oriented as well so they care more about what goes on in class than overall checking his status. As long he gets good grades to play he is good to go. He also goes to the gym more often, and he commutes therefore once he gets home all he does is play playstation 4 or go on youtube to look for tricks and tips for his games. However once he does use degree works which is during registration time as he meets with his advisor, he notices that he doesn't use starfish, he doesn't use the history tabs, and he doesn't need the GPA calculator or credit calculator because his advisor does everything else for him. Including registering him for his classes, telling him who he has to see, and where he is as far as being in his major of finance. You'd figure he is probably going into health but nope he is a business major. After all that he doesn't use degree works any more because like we mentioned he uses canvas and nest for school more than degree works. He is less experienced with degree works that is for sure, and in only knows hoe to print from degree works. He doesn't know that he can contact his advisor through degree works, as well as look at his academic standing. He has one advice that could maybe fix his problem and that is probably combine some features of degree works with canvas and nest. He likes how everything is laid out, and put together, where as degree works has so much information he doesn't know what to do with it. Now because he has to meet with his advisor and print out the audit, he usually goes on degree works in campus, and that is because its for his conveniences as he can meet with his advisor once he prints out the audit. Overall his scenario is more based around what he does already and not have to do more with it.

USER PROFILE
FLOW CHART

Where is
my info?

Clicks drop
down box

Sees Profile Link

Clicks Profile

Profile

What user sees
in Profile

Name

Major
Minor

GPA

CWID

Academic
Standing

Credit
Info?

Student
Year

Reg. PIN

- This announcement
  is sent to student to
  inform the date and
  time to register.

- Tells student to see
  Advisor before
  registering

- informs student
  of any holds within
  their account
  before registering

- Tells student
  if he or she
  has finished
  registering for
  classes

- announcement from either
  administrators, or tech support

Announcement(s)

Current
Credits

Overall
Credits

Credits
Needed

Transfered
Credits

The Student's credit information has
already been calculated for them. Therefore
this elliminates the credit calulator.

ADVISOR PAGE
FLOW CHART

Advisor?

Clicks drop down box

Sees Advisor's Link

Clicks Advisor

Advisor Profile

What user sees in Profile

Contact my Advisor?

Name

Office Hours

Email

Office/ Room #

Make an appointment?

Office #

Cell #

Message

NO

if

YES

Message box

Message box is put into the interface for direct messaging

NO

if

YES

Attachment button

Attachement

if

NO

YES

if

NO

YES

Send message button

Student is allowed to attach certain files prior for submitting their message to their advisor.

Sees youcanbook.me Link

Clicks Link

Youcanbook.me

Makes an Appointment

Confirm

Finish

REGISTRATON PAGE
FLOW CHART

Registration?

Clicks drop down box

Sees Registration Link

Clicks Registration
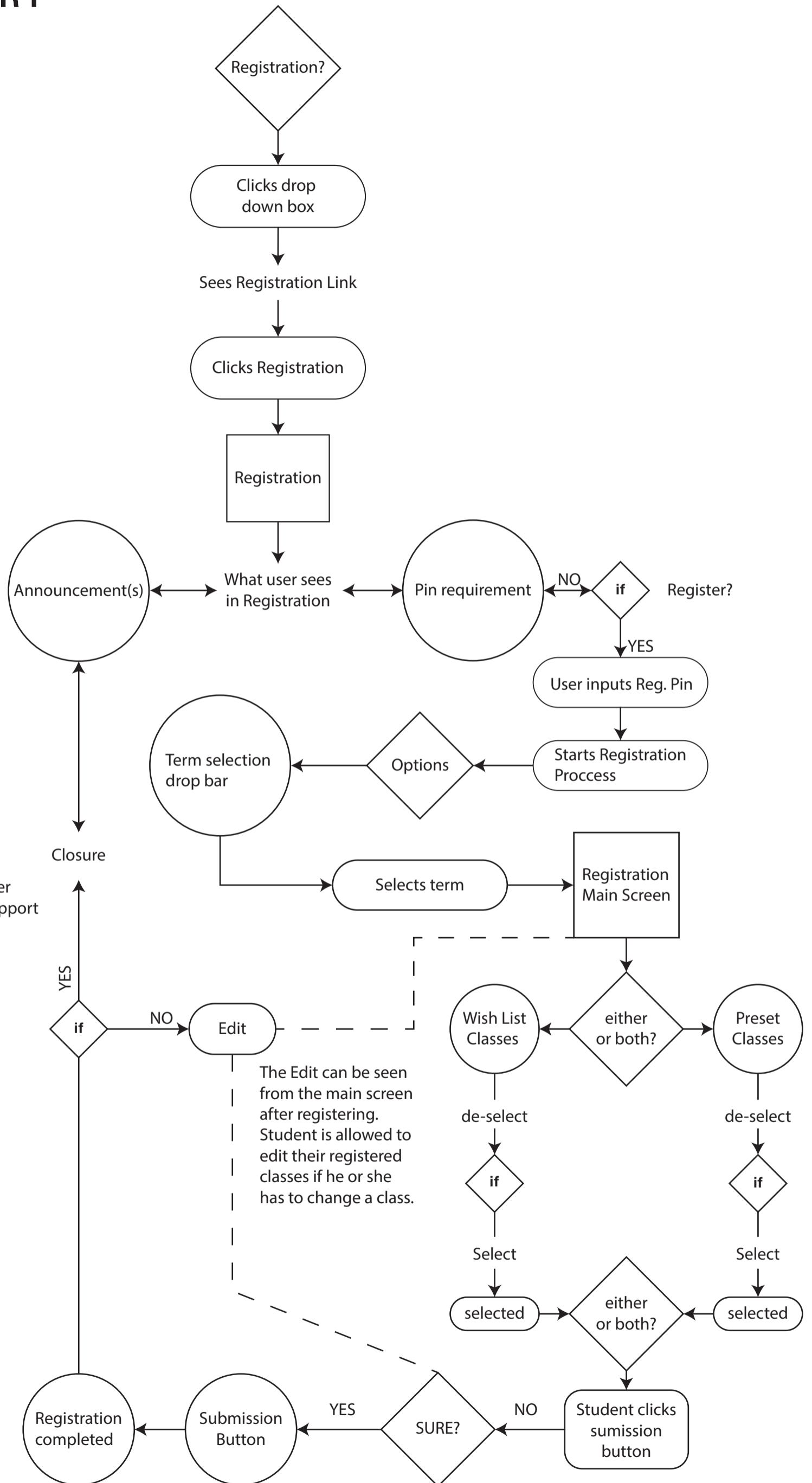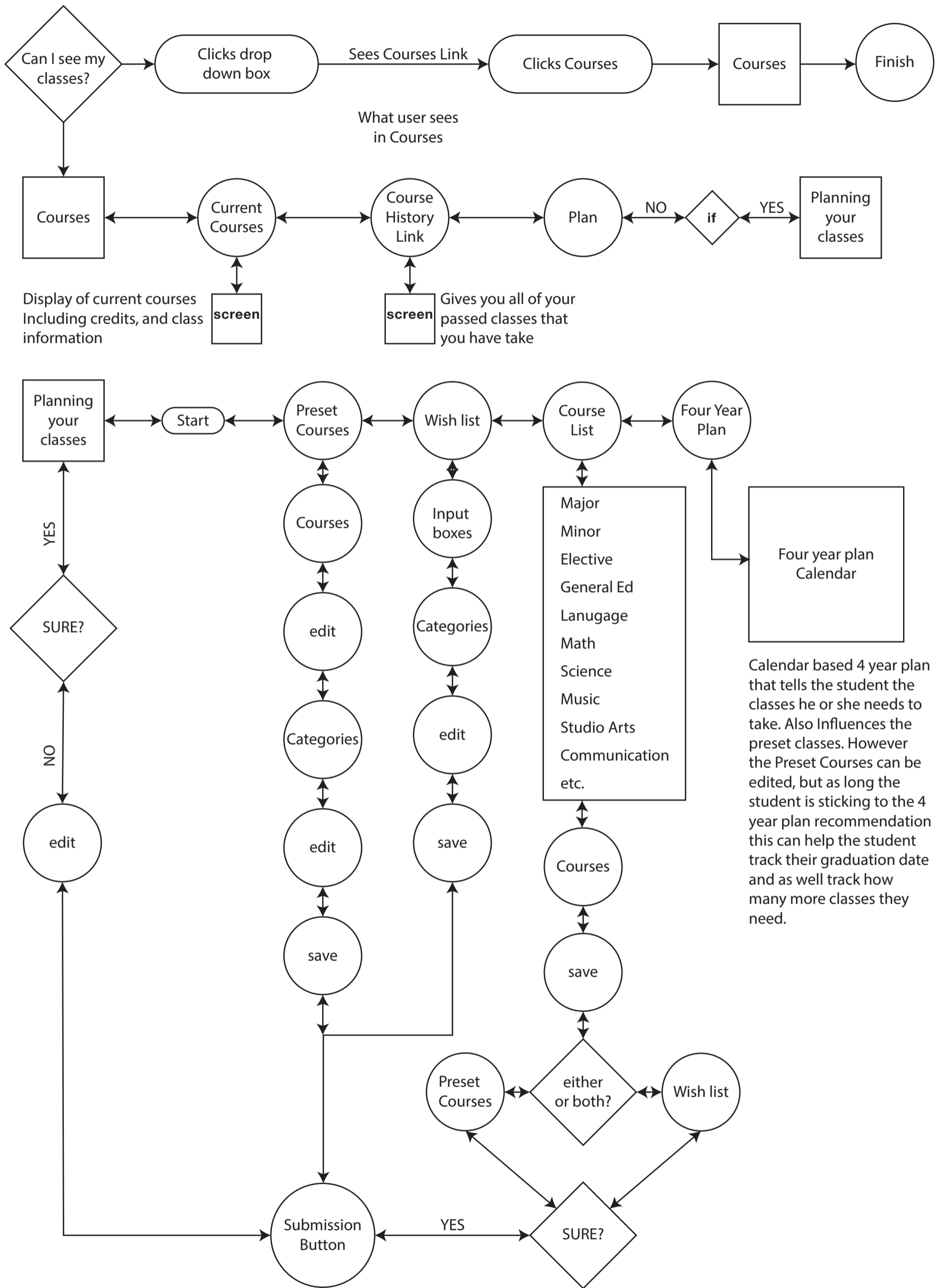
Registration

- This announcement is sent to student to inform the date and time to register.

- Tells student to see Advisor before registering

- informs student of any holds within their account before registering

- Tells student if he or she has finished registering for classes

- announcement from either administrators, or tech support

Announcement(s)

What user sees in Registration

Pin requirement

NO

if

Register?

YES

User inputs Reg. Pin

Starts Registration Proccess

Options

Term selection drop bar

Selects term

Registration Main Screen

Closure

YES

if

NO

Edit

The Edit can be seen from the main screen after registering. Student is allowed to edit their registered classes if he or she has to change a class.

Wish List Classes

either or both?

Preset Classes

de-select

de-select

if

if

Select

Select

selected

either or both?

selected

Student clicks sumission button

Registration completed

Submission Button

YES

SURE?

NO

5

CLASSES/ COURSES
FLOW CHART

Can I see my classes? → Clicks drop down box → Sees Courses Link → Clicks Courses → Courses → Finish

What user sees in Courses

Courses ← Current Courses ← Course History Link ← Plan — NO — if — YES → Planning your classes

Display of current courses Including credits, and class information

screen

screen Gives you all of your passed classes that you have take

Planning your classes ← Start ← Preset Courses ← Wish list ← Course List ← Four Year Plan

YES

SURE?

Courses

Input boxes

Major
Minor
Elective
General Ed
Lanugage
Math
Science
Music
Studio Arts
Communication
etc.

Four year plan Calendar

NO

edit

edit

edit

Categories

Categories

Calendar based 4 year plan that tells the student the classes he or she needs to take. Also Influences the preset classes. However the Preset Courses can be edited, but as long the student is sticking to the 4 year plan recommendation this can help the student track their graduation date and as well track how many more classes they need.

edit

save

Courses

save

save

Preset Courses ← either or both? → Wish list

Submission Button — YES → SURE?

PROFILE WIREFRAME

PROFILE 1.0

MSU LOGO		

0.1

DEGREE WORKS LOGO

Search...

HOME   CONTACT   LOG OUT

My Profile

My Advisor

Courses

Register

Audit

My Profile.

IMG

Change Profile Image

Name: **Kiran Khan**

CWID: **119567123**

Major: **Business**

Minor: **Art**

Concentration: **None**

Classification: **Junior**

Current GPA: **4.0**

Overall GPA: **3.98**

Curent Credits: **72/120**

Major Credits: **12/60**

Transfered Credits: **60**

Credits Needed: **58**

Academic Standing: **Good Standing**

Registration PIN: **1432**

A

YOU GOT THIS!

Nothing is impossible, the word itself says, "I'm possible!"

-Audrey Hepburn

B **Announcements:**

You have a **HOLD** on your account. Please see the Financial Aid Department by March 10. The office is open from 10am-5pm from Monday through Friday.

HEADER:
MSU logo
Degree Works Logo
Hamburger bar
Search bar
Home link
Contact link
Logo out link

HAMBURGER BAR 0.1
1.0 Profile link
2.0 Advisor link
3.0 Courses link
4.0 Registration link
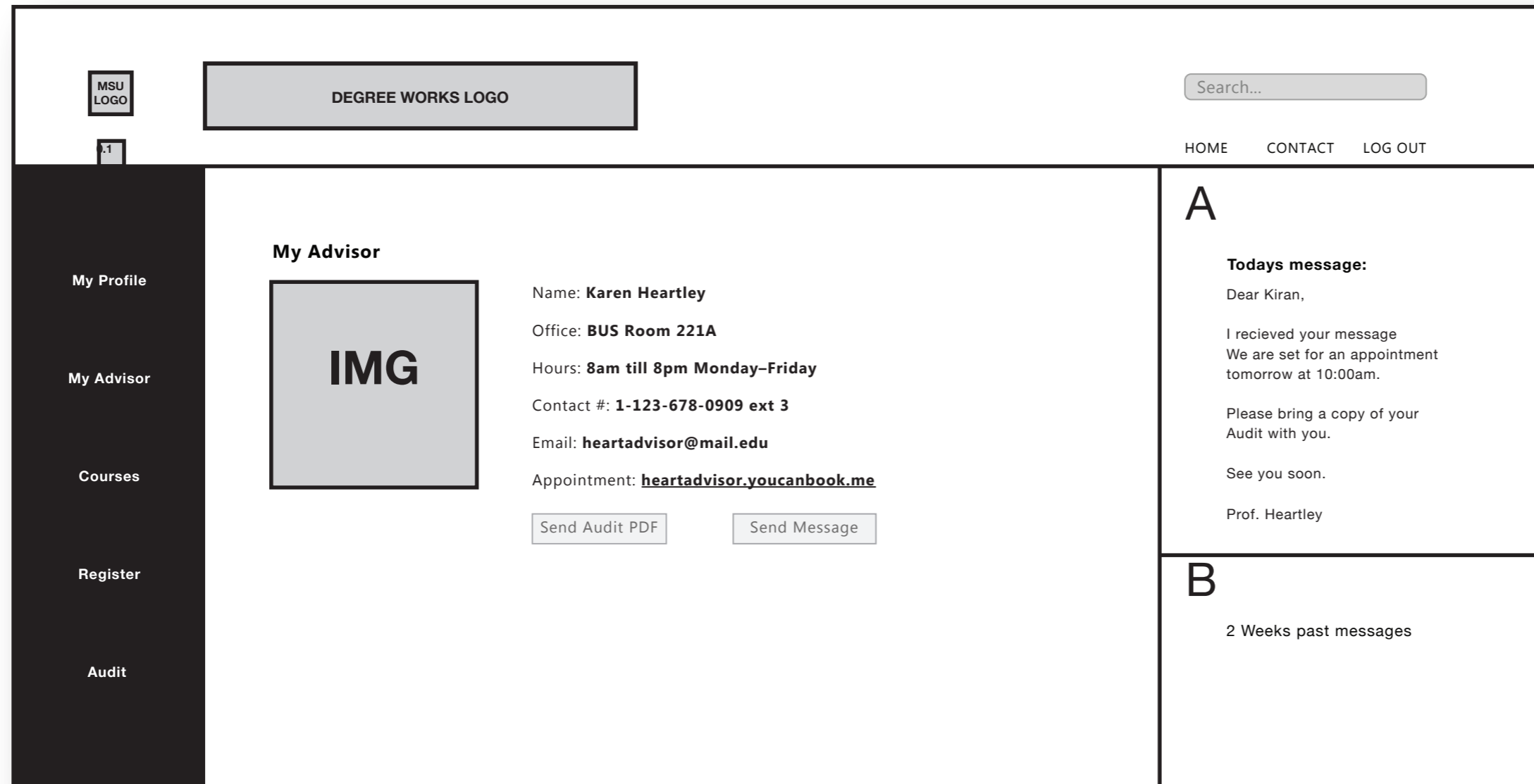5.0 Audit link

MIDDLE: 1.0 Profile
Title
User image
change image link
Name
Major
Concentration
Classification
GPA
Credits
Academic standing
Pin

RIGHT COLUMN
A.Quotes of Encouragement
B. Announcemnts via Administration
100 words maximum
Only current announcements within 2 weeks

ADVISOR WIREFRAME

ADVISOR 2.0

MSU
LOGO

DEGREE WORKS LOGO

Search...

0.1

HOME   CONTACT   LOG OUT

A

My Advisor

My Profile

IMG

Name: **Karen Heartley**

Office: **BUS Room 221A**

Hours: **8am till 8pm Monday–Friday**

My Advisor

Contact #: **1-123-678-0909 ext 3**

Email: **heartadvisor@mail.edu**

Appointment: **heartadvisor.youcanbook.me**

Courses

Send Audit PDF   Send Message

Register

Audit

Todays message:

Dear Kiran,

I recieved your message
We are set for an appointment
tomorrow at 10:00am.

Please bring a copy of your
Audit with you.

See you soon.

Prof. Heartley

B

2 Weeks past messages

HEADER:
MSU logo
Degree Works Logo
Hamburger bar
Search bar
Home link
Contact link
Logo out link

HAMBURGER BAR 0.1
1.0 Profile link
2.0 Advisor link
3.0 Courses link
4.0 Registration link
5.0 Audit link

MIDDLE: 2.0 Advisor Profile
Name
Office
Hours
Contact
Email
Appointment
Send Audit link
Send Message

RIGHT COLUMN
A. Current Message for one day.
B. 2 weeks pass messages link

COURSE WIREFRAME

COURSES 3.0

MSU LOGO	DEGREE WORKS LOGO		Search...

0.1

HOME   CONTACT   LOG OUT

My Profile

My Advisor

Courses

Register

Audit

COURSES

RECOMENDED

BUSINESS 120 8:00 – 9:50AM **M T** PROF MARK

DRAWING 101 10:00AM – 12:20PM **W** PROF MAY

MARKETING 100 10:00AM – 11:00AM **R** PROF LEO

FINANCE 100 2:00PM – 3:00PM **M T** PROF LEO

ENTREPRENEURSHIP 12:00PM – 1:00PM **F** PROF CARL

WISH LIST

DANCE 101 8:00–9:50AM **M T** PROF SURELY

THEATER 101 10:00AM–12:20PM **W** PROF CLARK

MARKETING 100 10:00AM–11:00AM **R** PROF LEO

FINANCE 100 2:00PM-3:00PM **M T** PROF LEO

ENTREPRENEURSHIP 12:00PM-1:00PM **F** PROF CARL

Edit Wish List

A

YOUR FOUR YEAR PLAN:

3 MAJOR
1 CORE,
1 ELECTIVE
1 MINOR

CREDITS: 15

B

ANOTATIONS

HEADER:
MSU logo
Degree Works Logo
Hamburger bar
Search bar
Home link
Contact link
Logo out link

HAMBURGER BAR 0.1
1.0 Profile link
2.0 Advisor link
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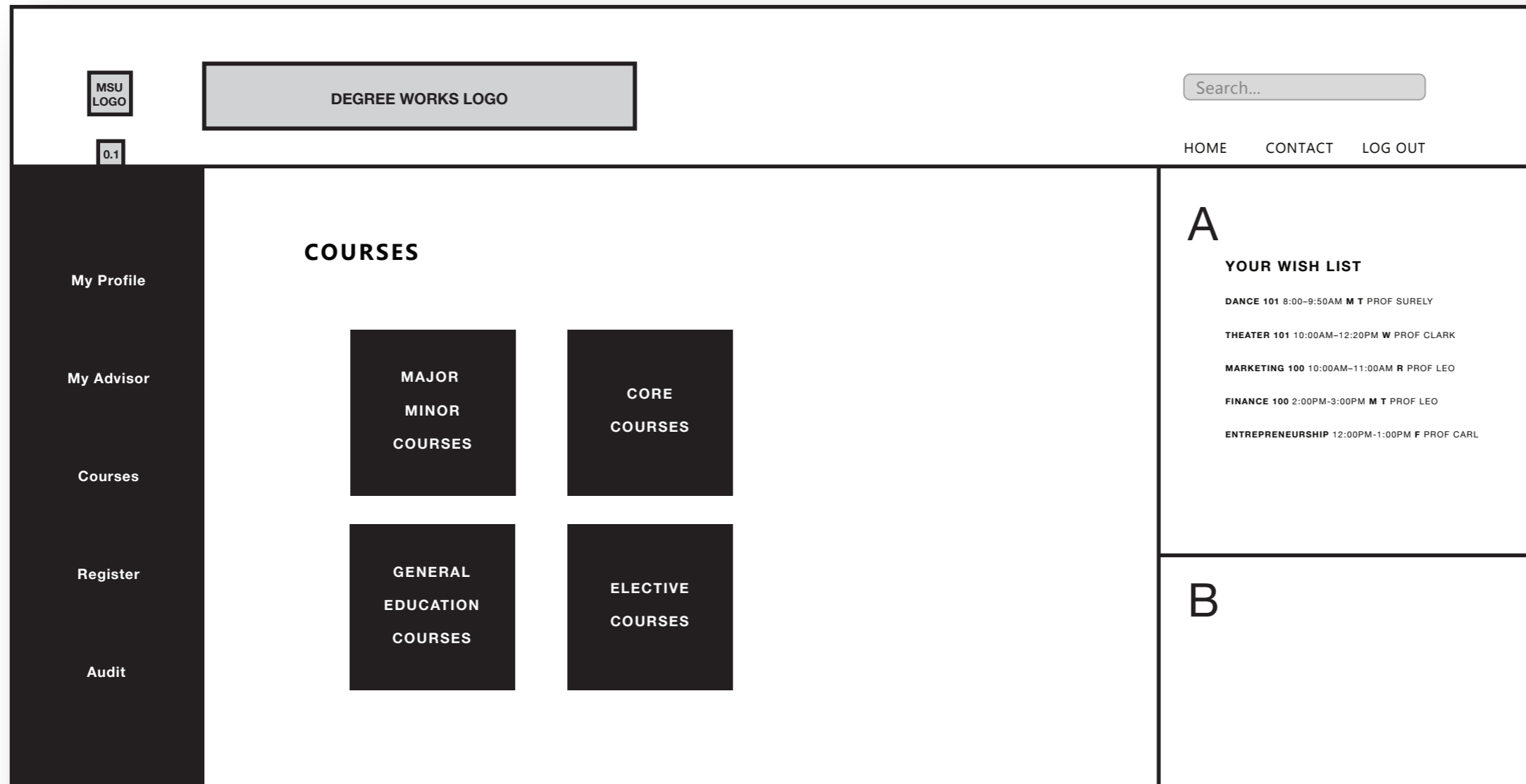5.0 Audit link

MIDDLE: 3.0 Courses
Programed recomended courses according to the 4 year plan
Wish list
3.3 Edit wish list link

RIGHT COLUMN
A. Four year plan per semester with Credits.

CREATING WISH LIST WIREFRAME

COURSES 3.3

MSU
LOGO

0.1

DEGREE WORKS LOGO

Search...

HOME   CONTACT   LOG OUT

My Profile

My Advisor

Courses

Register

Audit

COURSES

MAJOR
MINOR
COURSES

CORE
COURSES

GENERAL
EDUCATION
COURSES

ELECTIVE
COURSES

A

YOUR WISH LIST

DANCE 101 8:00–9:50AM **M T** PROF SURELY

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B

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HAMBURGER BAR 0.1
1.0 Profile link
2.0 Advisor link
3.0 Courses link
4.0 Registration link
5.0 Audit link

MIDDLE: 3.3 Courses - Wish list Editor
Major and Minor Courses link
Cor Courses link
General Education Courses link
Elective Courses link

RIGHT COLUMN
A. Wish list

ADDING OR REMOVING WISH LIST WIREFRAME

COURSES 3.3

MSU LOGO

DEGREE WORKS LOGO

0.1

Search...

HOME   CONTACT   LOG OUT

My Profile

My Advisor

Courses

Register

Audit

MAJOR

BUS 105 8:00A - 9:40A MWF PROF. CARL RM# BUS 201   ADD

BUS 106 9:00A - 10:40A MWF PROF. CARL RM# BUS 210   ADD

BUS 205 9:00A - 10:40A MT PROF. LEE RM# BUS 215   ADD

BUS 250 10:00A - 11:40A MF PROF. KIULEE RM# BUS 215   ADD

BUS 320 8:00A - 9:40A RF PROF. HEART RM# BUS 310   ADD

BUS 380 6:00P- 8:40P RF PROF. HEART RM# BUS 315   ADD

BUS 400 6:00P - 8:40P TR PROF. PATEL RM# BUS 316   ADD

BUS 404 11:00A - 12:40A MF PROF. LEE RM# BUS 312   ADD

SEE FULL LIST

A

YOUR WISH LIST

x   DANCE 101 8:00-9:50AM M T PROF SURELY

x   THEATER 101 10:00AM-12:20PM W PROF CLARK

x   MARKETING 100 10:00AM-11:00AM R PROF LEO

x   FINANCE 100 2:00PM-3:00PM M T PROF LEO

x   ENTREPRENEURSHIP 12:00PM-1:00PM F PROF CARL

B   Save Wish List

8 Courses Maximum

ANOTATIONS

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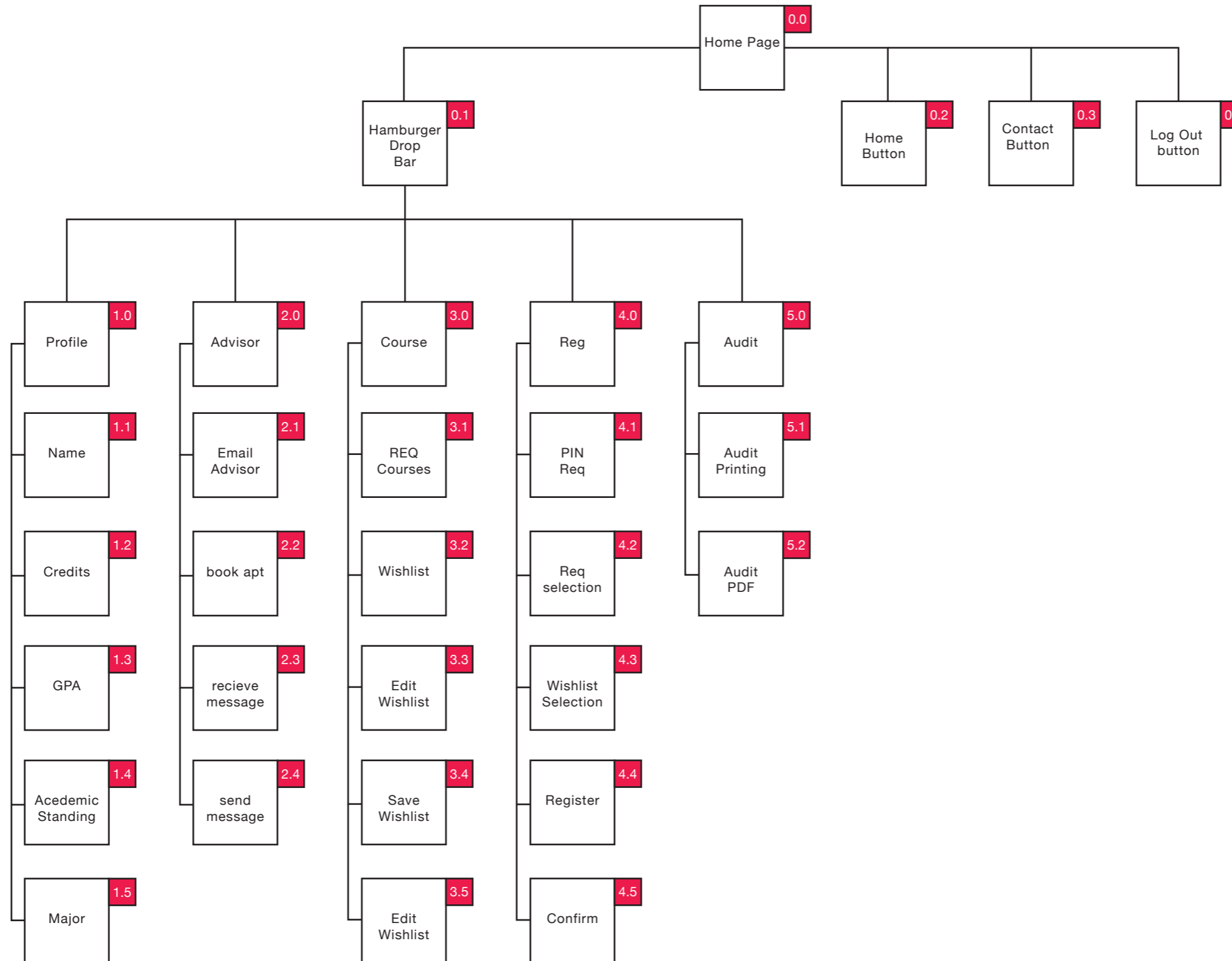**MIDDLE: 3.3 Courses- Major Courses Link**
Title
Major list
Full list link

RIGHT COLUMN
A. Wish list with remove link on the left side
B. Save Wish List link
        8 Courses Maximum to save for wish list

SITEMAP

START FROM HOME PAGE

Home Page `0.0`

Hamburger Drop Bar `0.1`

Home Button `0.2`

Contact Button `0.3`

Log Out button `0.4`

Profile `1.0`

Advisor `2.0`

Course `3.0`

Reg `4.0`

Audit `5.0`

Name `1.1`

Email Advisor `2.1`

REQ Courses `3.1`

PIN Req `4.1`

Audit Printing `5.1`

Credits `1.2`

book apt `2.2`

Wishlist `3.2`

Req selection `4.2`

Audit PDF `5.2`

GPA `1.3`

recieve message `2.3`

Edit Wishlist `3.3`

Wishlist Selection `4.3`

Acedemic Standing `1.4`

send message `2.4`

Save Wishlist `3.4`

Register `4.4`

Major `1.5`

Edit Wishlist `3.5`

Confirm `4.5`

PROFILE SCREEN

MONTCLAIR STATE UNIVERSITY
DEGREE WORKS

Search...

HOME   CONTACT   LOG OUT

My Profile.

Change Profile Image

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ADVISOR SCREEN

MONTCLAIR STATE UNIVERSITY
DEGREE WORKS

Search...

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My Advisor

Courses

Register

Audit

My Advisor

Name: **Karen Heartley**

Office: **BUS Room 221A**

Hours: **8am till 8pm Monday–Friday**

Contact #: **1-123-678-0909 ext 3**

Email: **heartadvisor@mail.edu**

Appointment: **heartadvisor.youcanbook.me**

Send Audit PDF   Send Message

Todays message:

Dear Kiran,

I recieved your message
We are set for an appointment
tomorrow at 10:00am.

Please bring a copy of your
Audit with you.

See you soon.

Prof. Heartley

2 Weeks past messages

COURSES SCREEN

MONTCLAIR STATE UNIVERSITY
DEGREE WORKS

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Audit

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Edit Wish List

YOUR FOUR YEAR PLAN:

**3 MAJOR
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CREATING WISH LIST SCREEN

MONTCLAIR STATE UNIVERSITY
DEGREE WORKS

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Audit

COURSES

MAJOR MINOR COURSES

CORE COURSES

GENERAL EDUCATION COURSES

ELECTIVE COURSES

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ADD OR REMOVING WISH LIST SCREEN

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BUS 404 11:00A - 12:40A MF PROF. LEE RM# BUS 312   ADD

1

See Full List

YOUR WISH LIST

x   **DANCE 101** 8:00–9:50AM **M T** PROF SURELY

x   **THEATER 101** 10:00AM–12:20PM **W** PROF CLARK

x   **MARKETING 100** 10:00AM–11:00AM **R** PROF LEO

x   **FINANCE 100** 2:00PM-3:00PM **M T** PROF LEO

x   **ENTREPRENEURSHIP** 12:00PM-1:00PM **F** PROF CARL

Save Wish List

8 Courses Maximum