

Appendix A

- 1- Login
- 2- Main Menu
- 3- Help
- 4- Main Menu – admin functionality
- 5- Course Scheduler
- 6- Daily TimeTable
- 7- Degree Map Creator
- 8- Saved degree Maps

1- LOGIN

Depending on their status, Users may login as either a student, admin or parent. **(FIGURE 1)** Each login will provide different features corresponding to the status of the user. The login feature was based **on P1-- 1) of the student, parent, and staff user requirements**. After deliberation, it was ideal to have the Netlink ID's chosen as the login credential. This is because Netlink ID's are connected to a student's transcript, facilitating easy data access. Next to every Login option is a an outlined "?" which we will cover in the next section. Upon tapping a "?", a pop up opens detailing what each Login option is meant/designated for. There will also be a popup if a Netlink/ID password is incorrect. **(FIGURE 2)** Further, a remember me option is present which autofill's each Netlink ID/Password combination for easy access.

04:21 PM

CompanionCalendar

Student Login ?

Netlink ID

Password

☐ Remember Me?

LOGIN

Parent Login ?

Childs Netlink ID

Password

☐ Remember Me?

LOGIN


Admin Login ?

Netlink ID

Password

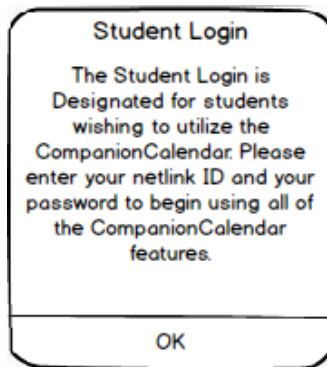
☐ Remember Me?

LOGIN

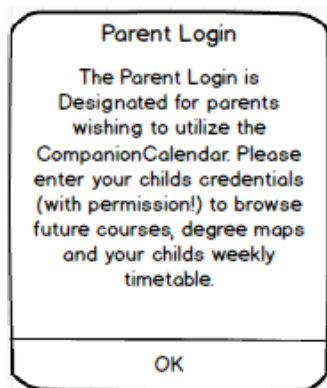


Earl Technologies

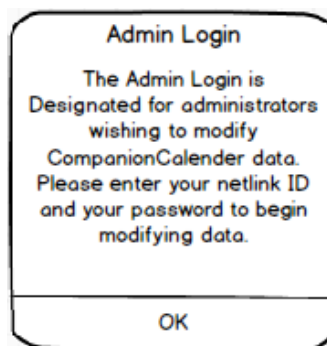
FIGURE 1: Login for either student, parent or admin.



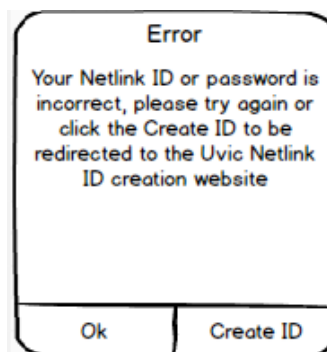
Pops up upon tapping the question mark on the right of Student.



Pops up upon tapping the question mark on the right of Parent.



Pops up upon tapping the question mark on the right of Admin.



Pops up upon entering an incorrect netlink ID/password combination.

FIGURE 2: "?" explanations for each log in option, as well as incorrect credentials.

2- Student Main Menu

After successfully logging in, users will encounter a specifically designed main menu based on the usability goals of the specific user (Student, Parent, Admin (Prof)).

The Student Main Menu is the first interface students will encounter after logging in. **(FIGURE 3)**. Here, Announcements imperative to student success are posted. Reminders such as course registration approaching, which was a specification provided in the User Needs:

“Reminders for students signed up through UVIC and personal email that course registration is approaching.”

As well as Number 5 In the User Requirements:

“Notify the student and remind them before course registration begins, reminding them to sign up for their respective planned term courses.”

Students are first greeted with a welcoming message parsing their first name. On the right of the parsed welcome message is a Question Mark Symbol which explains the functionalities of the main menu.

(FIGURE 4)

On the left of the greeting message are the navigation bars which allow quick navigation to other features. **(FIGURE 5)**

Underneath the header is a cover flow, which users may browse by swiping left and right. Each cover flow square redirects to a new feature and contains a question mark in the bottom right corner to display information about that feature.

Below the cover flow is an announcement board, which provides students with information regarding UVIC courses. Users may toggle the announcement board into a menu selector, which displays features and quick summaries **(FIGURE 6)**. Tap the question mark next to the menu/announcement toggler for more information **(FIGURE 7)**.

What’s interesting is that **NO** main menu was designed or thought of in our user requirements for **P1**, so the implementation of one was mandatory for **P2**

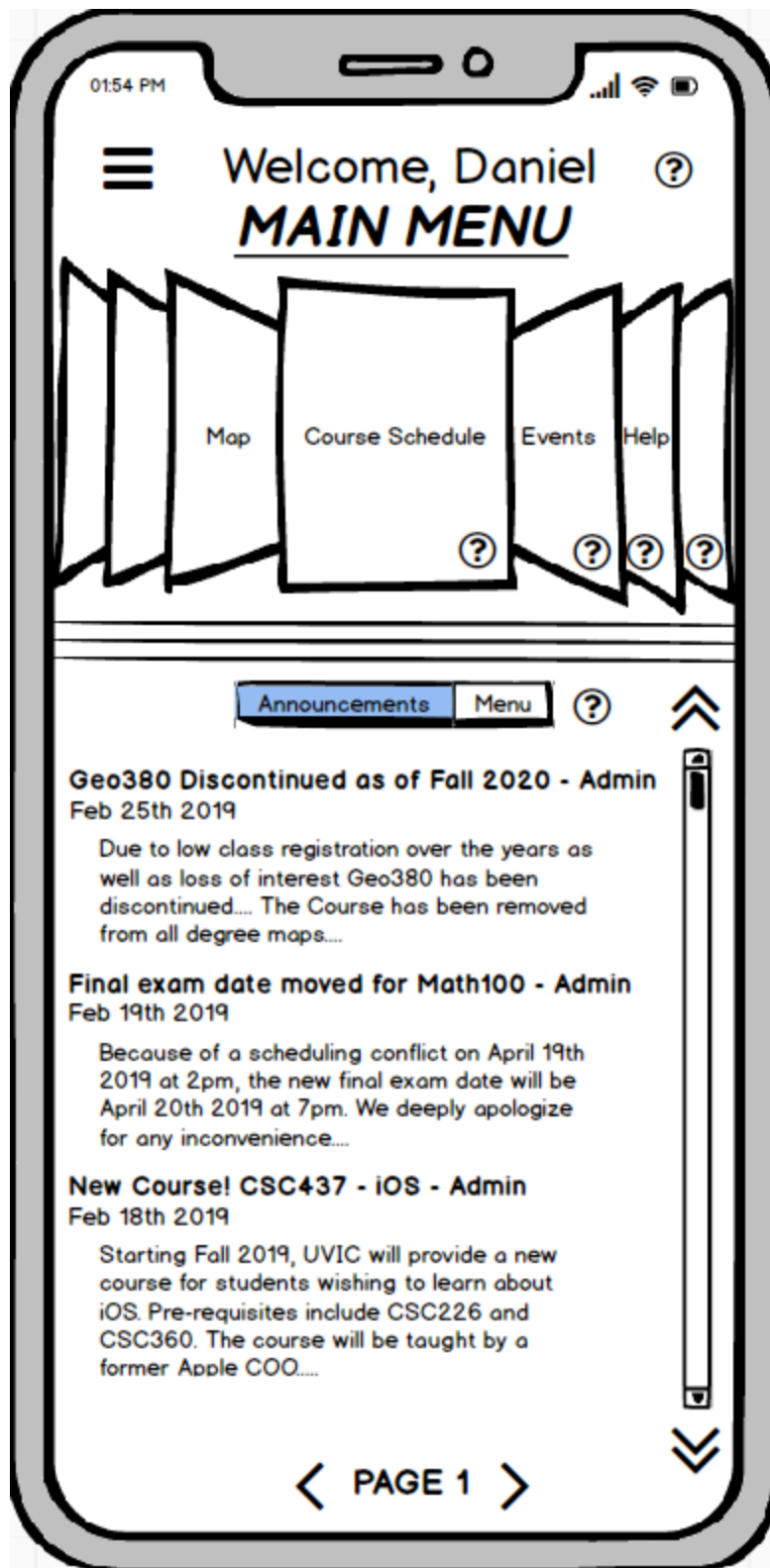


FIGURE 3: Announcement menu for students.

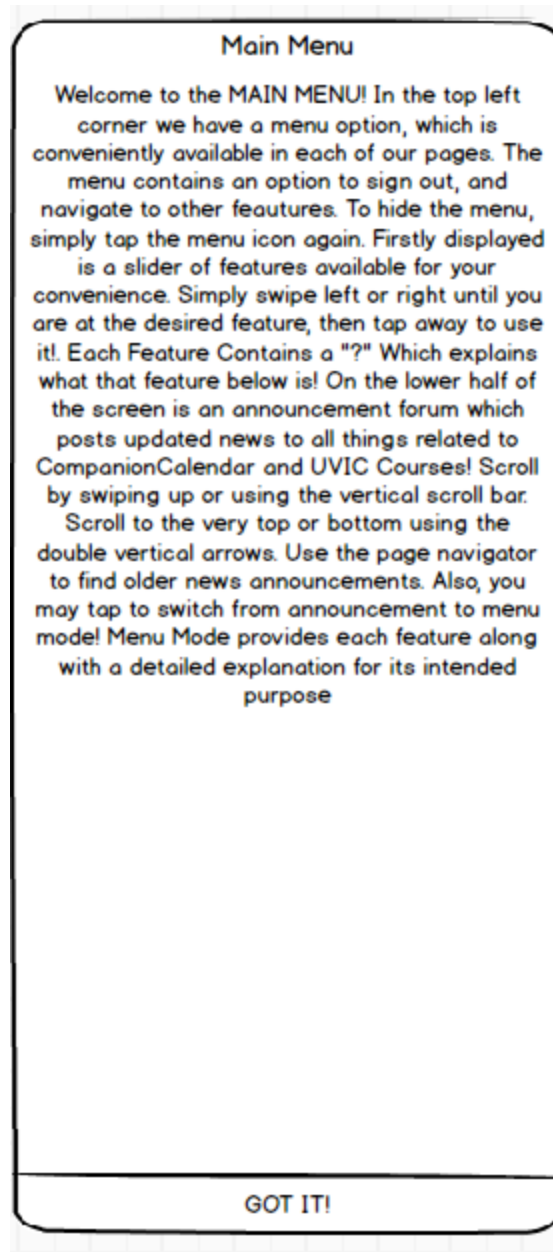


FIGURE 4: Main Menu help upon tapping the top right "?"

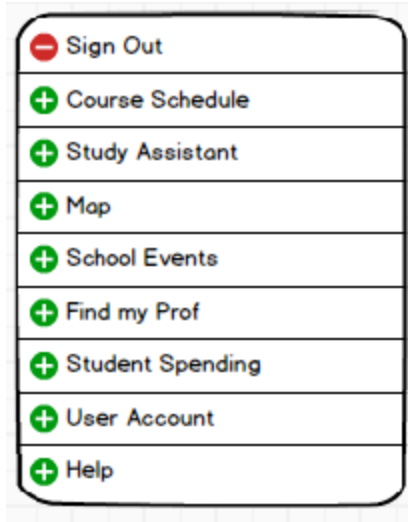


Figure 5: Navigation Menu from top left corner.

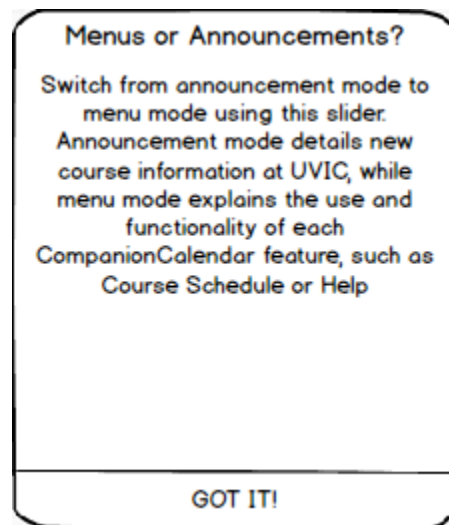


Figure 6: Menu/Announcement Information

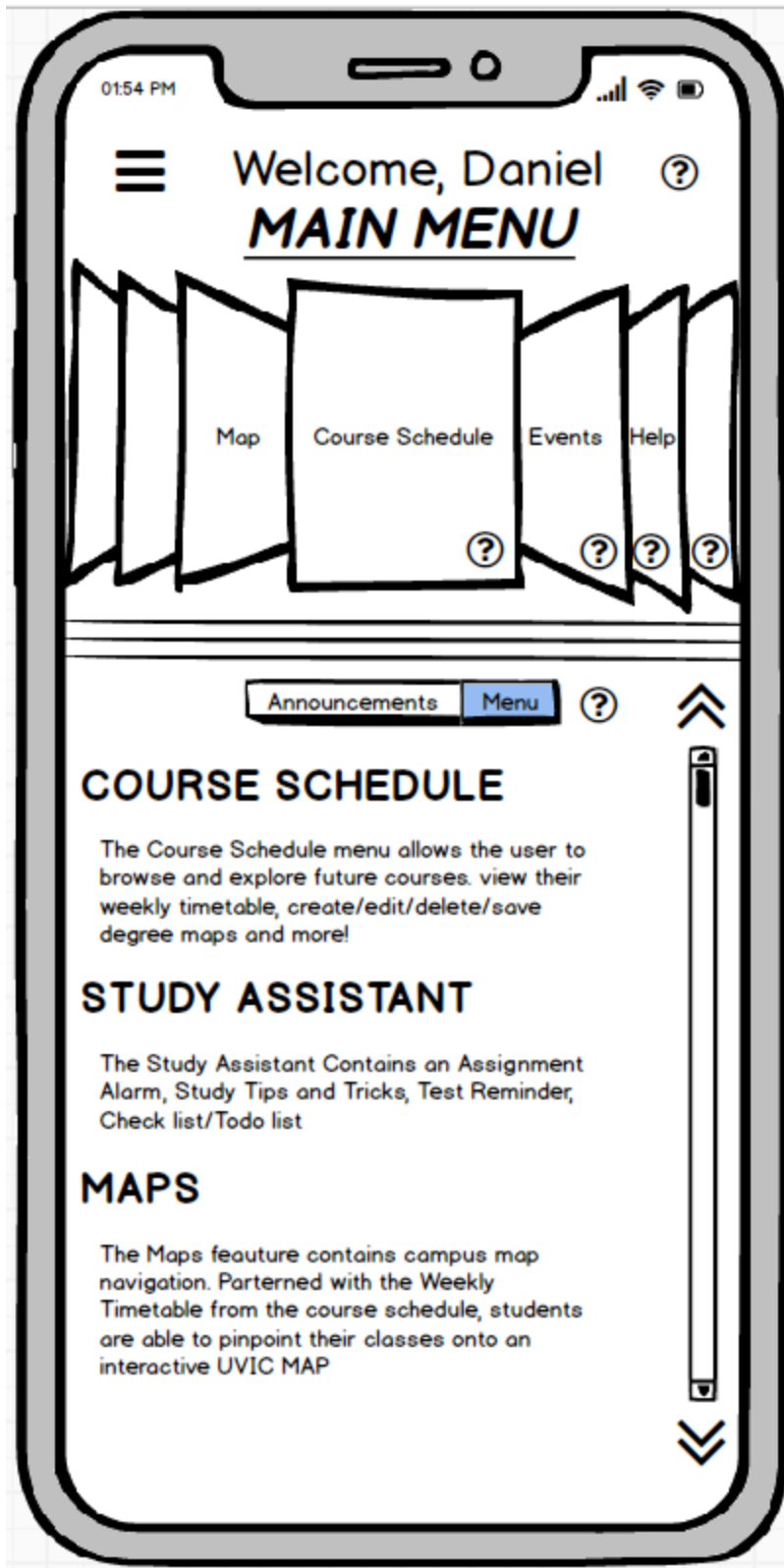


Figure 7: Alternative Display.

3- Help

In case you require any assistance, Earl Technologies has got you covered! Throughout the entire applications users will encounter small question marks next to functions. These questions marks are intended to be explanations as to what that function accomplishes. **(Figure 8)**

The Help feature covers all **three aspects of user experience goals**.

1)Helpful – Whenever a user is stuck or confused on what to do the Question Mark System may point them in the right direction.

2)Motivating – Being stuck often creates no motivation, but the tone that the Question Mark System speaks and directs users is enthusiastic and intended to have gain user interest in the application.

3)Not frustrating – Unambiguous icon display, the question mark means explanation. Low misinformation, very detailed guides provided by Question Mark System. Even the Question Mark System homepage has a question mark to click on. **(Figure 9)**.

Aswell, to reference user requirements **2.2** is achieved using the help system.

“Whether a user is stuck navigating through the application or is having trouble setting up a semester, the Virtual Assistant will be able to resolve any difficulties encountered.”

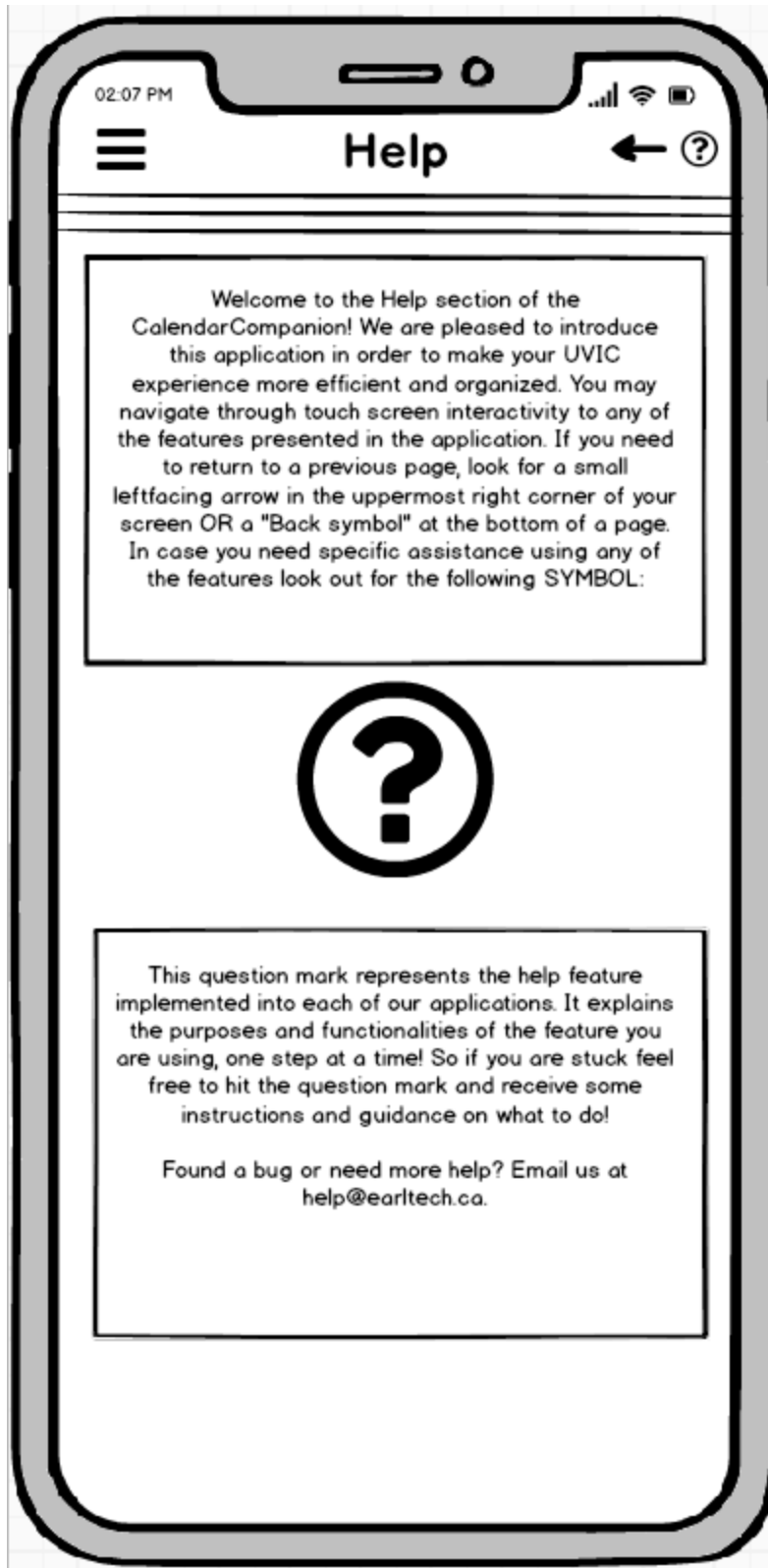


Figure 8: Question Mark System homepage.



Figure 9: Question Mark homepage – help

4- Admin Main Menu

Opposed to the Student Main Menu, The Admin Main Menu provides two main Functionalities. Editing (Adding/Deleting) Announcements and Editing (Introducing/Discontinuing) Courses. The announcements are merely informative data and do not have a direct effect on any of the students timetables courses. However, the action of manipulating courses in the UVIC database is achievable through this menu. This was a Major Requirement in P1, specifically noted in **User Requirements:**

Student Section 8

If a course is deemed terminated for a specific degree requirement, the application will notify the user, and again offer a suggested course or ability to chose a course manually.

Admin Section 2

CourseCompanion admin mode will allow the ability to update new courses and lecture sections, or to remove such courses or lecture sections, and to cascade such changes across all current CourseCompanion user account to reflect changes and possible options.

The Admin Main Menu looks peculiarly like the Student main menu except the Cover flow is removed with announcement and course modifications (**Figure 10**).

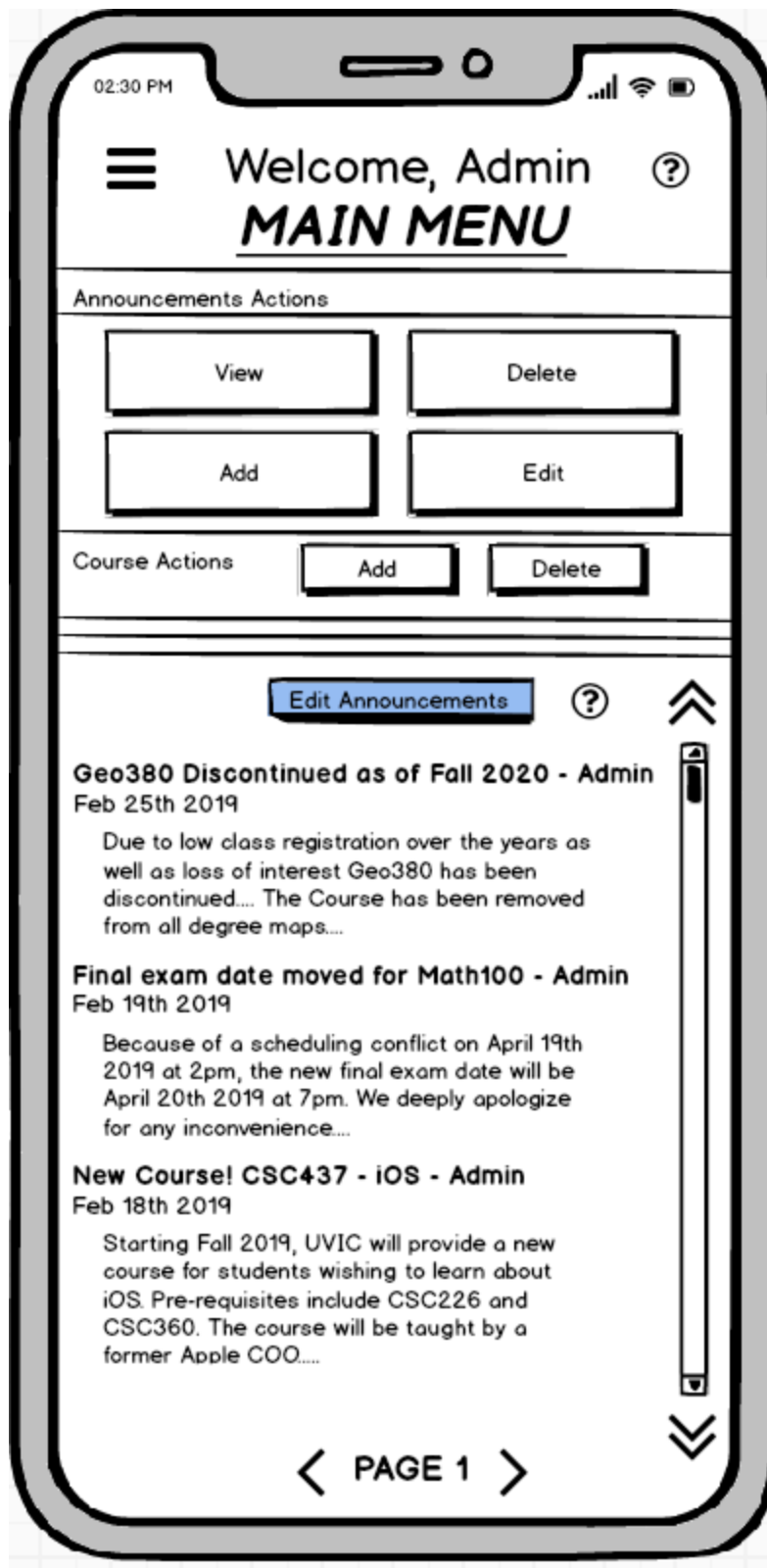


Figure 10: Admin Main Menu

In the case that an admin would like to perform an action on an announcement they may refer to the Announcement Actions on the interface. Similarly, an action on a course would be done through the Course Actions interface. Both interfaces are located above the announcement section. The announcement section remains so Admins may easily view recently posted announcements and how they would display to students.

The navigation bar (top left) offers all functionalities for admins displayed in the interface. As well as the Sign out option (**Figure 11**)



Figure 11: Admin Navigation bar expanded.

Upon tapping the edit interface button, which is highlighted in **Figure 10**, users can edit any announcement available in the log underneath by tapping on them. You may Either edit the announcement Title, Date or Body then save, or you are able to Delete the announcement from the log (**Figure 12**). If a user is confused they can tap on the question mark icon to open an informative message (**Figure 13**).

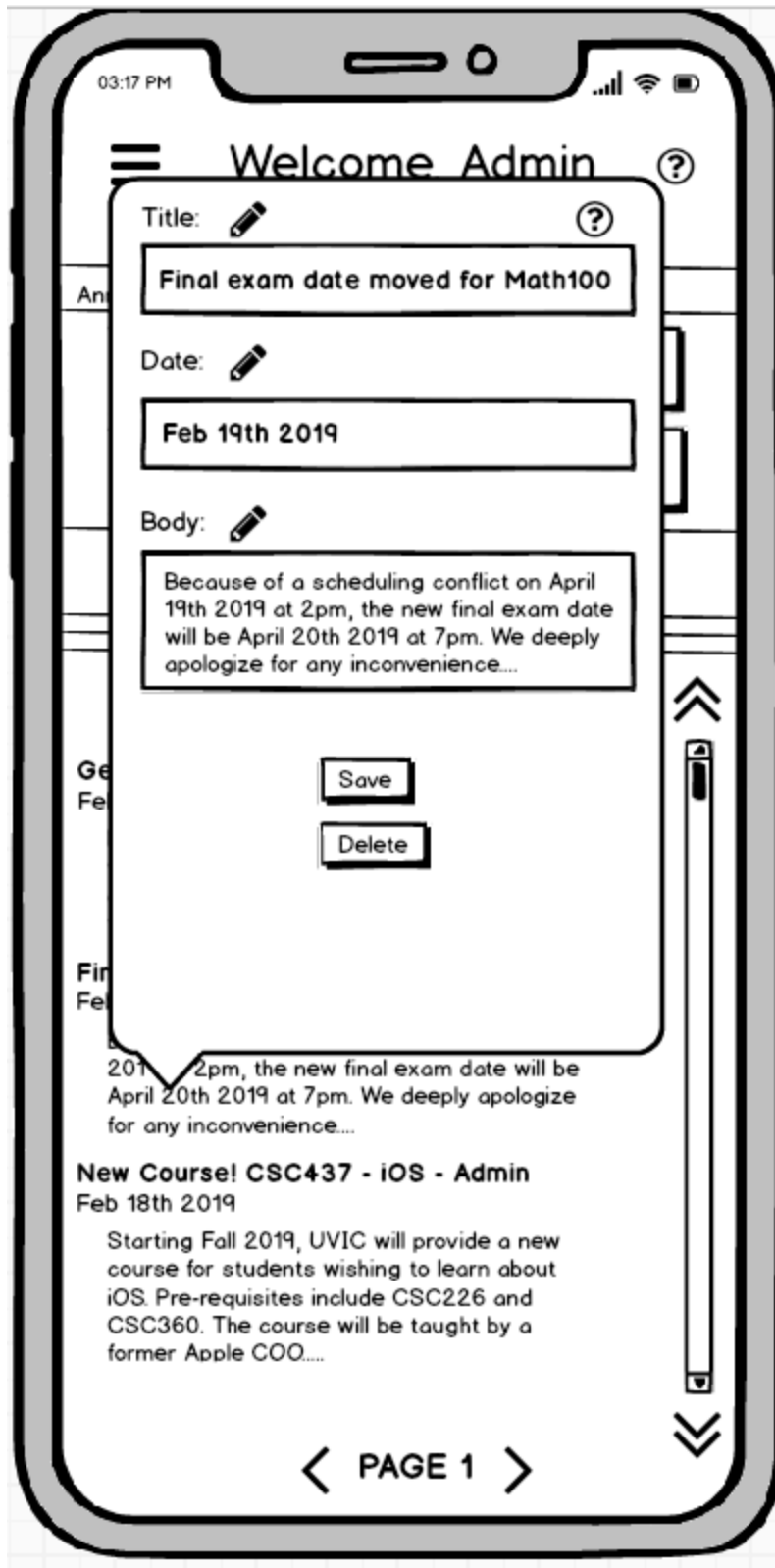


Figure 12: Editing or Deleting an announcement.

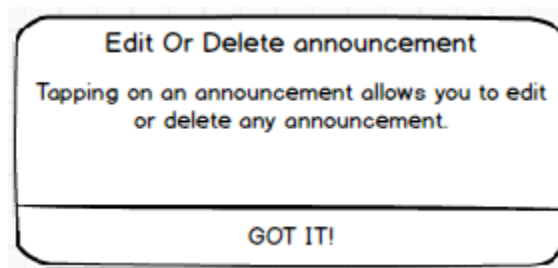


Figure 13: Additional help provided by the Question Mark System.

Upon click the **add** course/announcement, a different pop up will appear, consisting of the title and body of announcement. If a course is added in the announcement, admins have the option of additionally updating the database so that course will be available for students to select from in their degree maps. (**view degree map creation**) multiple data fields will need to be entered to properly implement the course in the database. (**Figure 14**)

Similarly, announcing that a course will be deleted will require some modifications to the database, listed in **Figure 15**.

03:17 PM

Welcome Admin

Title:

New Math course added!

Body:

A new Math course has been added for first year students interested in basic topology. Starts Spring 2019. No Prereqs

Add Cancel

OR, update course database aswell

Add Math 167

Starting:

Sessions:

Prereqs:

Coreqs:

Add & Update Database Cancel

2019 2pm, the new final exam date will be April 20th 2019 at 7pm. We deeply apologize for any inconvenience....

New Course! CSC437 - iOS - Admin
Feb 18th 2019

Starting Fall 2019, UVIC will provide a new course for students wishing to learn about iOS. Pre-requisites include CSC226 and CSC360. The course will be taught by a former Apple COO....

< PAGE 1 >

Figure 14: adding a course announcement will require the specification of the starting semester for that course, the sessions it is available, it's corequisites and prerequisites.

03:38 PM

Welcome Admin ?

Title: ?

Psychology course discontinued!

Body: ?

PSYC186 will be discontinued due to very low course interest. as well as a terrible class average. Starting This Semester.

Add Cancel

OR, update course database aswell

Delete PSYC 186

Starting: Spring 2019

Sessions: Spring, Summer, Fall (ALL)

Prereqs: PSYC 100

Coreqs: None

Add & Update Database Cancel

2019, the new final exam date will be April 20th 2019 at 7pm. We deeply apologize for any inconvenience....

New Course! CSC437 - iOS - Admin
Feb 18th 2019

Starting Fall 2019, UVIC will provide a new course for students wishing to learn about iOS. Pre-requisites include CSC226 and CSC360. The course will be taught by a former Apple COO....

< PAGE 1 >

Figure 15: If making announcements about deleting courses, users will need to specify when the discontinuation will occur (Starting), which sessions are affected, the Pre-Reqs and Co-Reqs.

5- Course Schedule

From here on, the following features are accessible to any student at UVIC, and potentially other schools further down our design timeline.

The Course Schedule menu offers four features that are offered by the CompanionCalendar. The four features are:

- Future Courses
- Daily TimeTable
- Create a Degree Map
- My saved Degree Maps

The navigation bar to venture to different menus and features is available in the top left. The top right contains a question mark (**Figure 16**) for help, as well as a left facing arrow to return to the previous **Main Menu- Student**, where the Course Schedule menu can be tapped through the interactive cover flow. Upon tapping one of the four feature buttons in the course schedule menu (**Figure 17**), it will begin acting on that feature. As well, a randomly generated motivational quote is selected to display at the top of the menu.

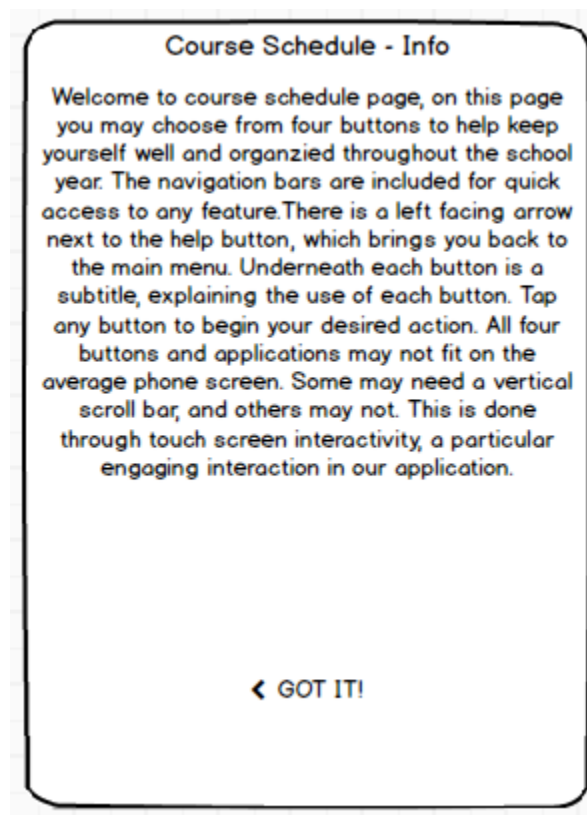


Figure 16: The Course Schedule Info/Help pop-up after tapping the question mark in top right.

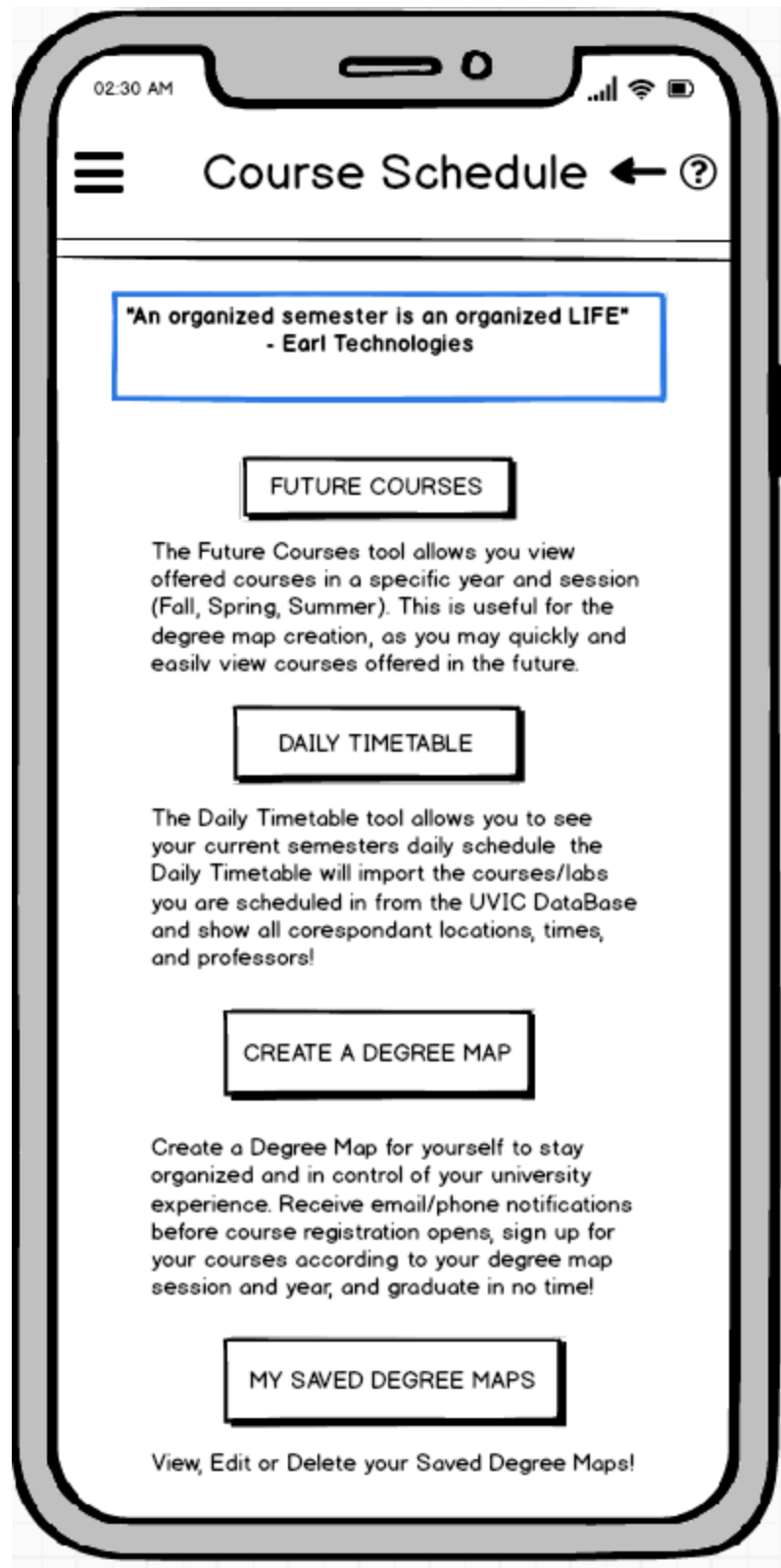


Figure 17: Course Schedule Main Menu

Course Schedule- Future Courses

This tool is intended for students who wish to see courses offered by UVIC in future semesters and years. The tool is useful for the Degree Map when generating or selecting courses in the future to add or delete from the Map.

Note that every time a new page or feature is opened it displays the page title at the header of the page. Similarly, there is a small left facing arrow located on the page. It is usually located next to the help button (**Figure 18**). This arrow returns user to the previous page and acts as a “back” button.

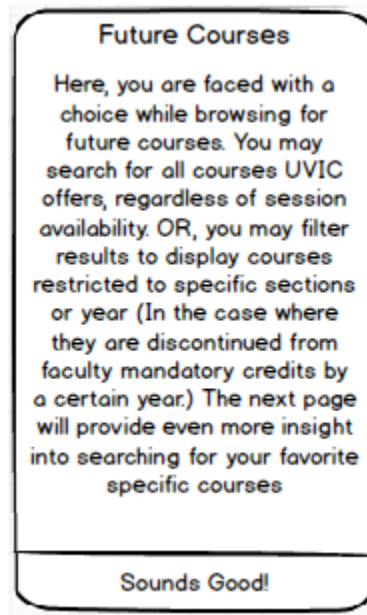


Figure 18: Future Courses information upon tapping the question mark.

After tapping the Future Courses button on the Course Schedule main menu interface, users are redirected to the Future Courses page. This is where they begin the process of exploring for future courses UVIC has to offer (**Figure 19**).

Students have multiple options to investigate future courses. They may either specify a session and year. (**Figure 20**). Or, skip the session and year to directly view courses available for the current term which is calculated via the phones operating system (**Figure 21**)

02:58 PM

☰

Future Courses

← ?

Filters

Find out if a course is available in a specific year or semester down the road! Press SEARCH when ready or SKIP to view all courses currently available

Specify a session ?

As some courses are not offered in a specific session, we ask you for which session (Spring/Fall/Summer) you intend to take it.

Spring

Summer

Fall

Current Session

Spring and Fall

All

Specify a year ?

Some courses are not offered in all years, this helps narrow down if a course you would like to take will be discontinued by a certain year.

2019

2020

2021

2022

2023

2024

SEARCH

OR

SKIP

?

Figure 19: Future courses page. Student can choose a certain year and session or skip to view current courses.

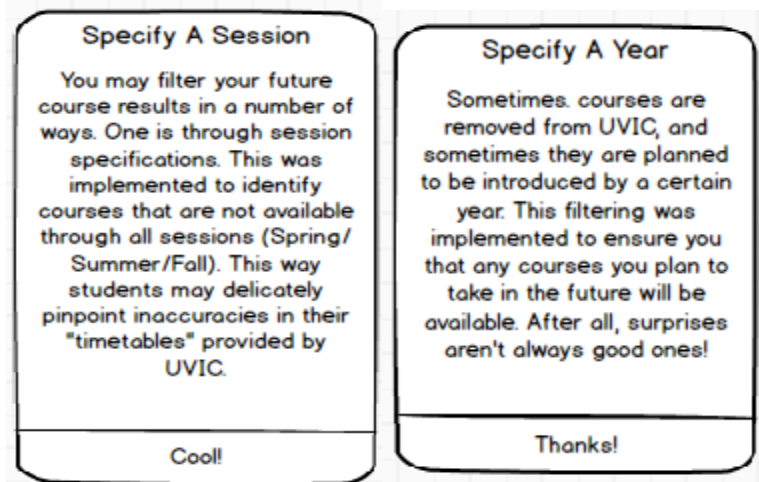


Figure 20: Help from the Question Mark System while specifying a session and year.



Figure 21: Help from the Question Mark System next to the skip button on Figure 20.

Upon tapping the Search button (and specifying session and year) or Skip button, both in **Figure 20**, users will be directed to a new Tool, the Faculty Selector. (**Figure 21**)

The Faculty Selector displays the term that has been selected from the previous page in **Figure 20**.

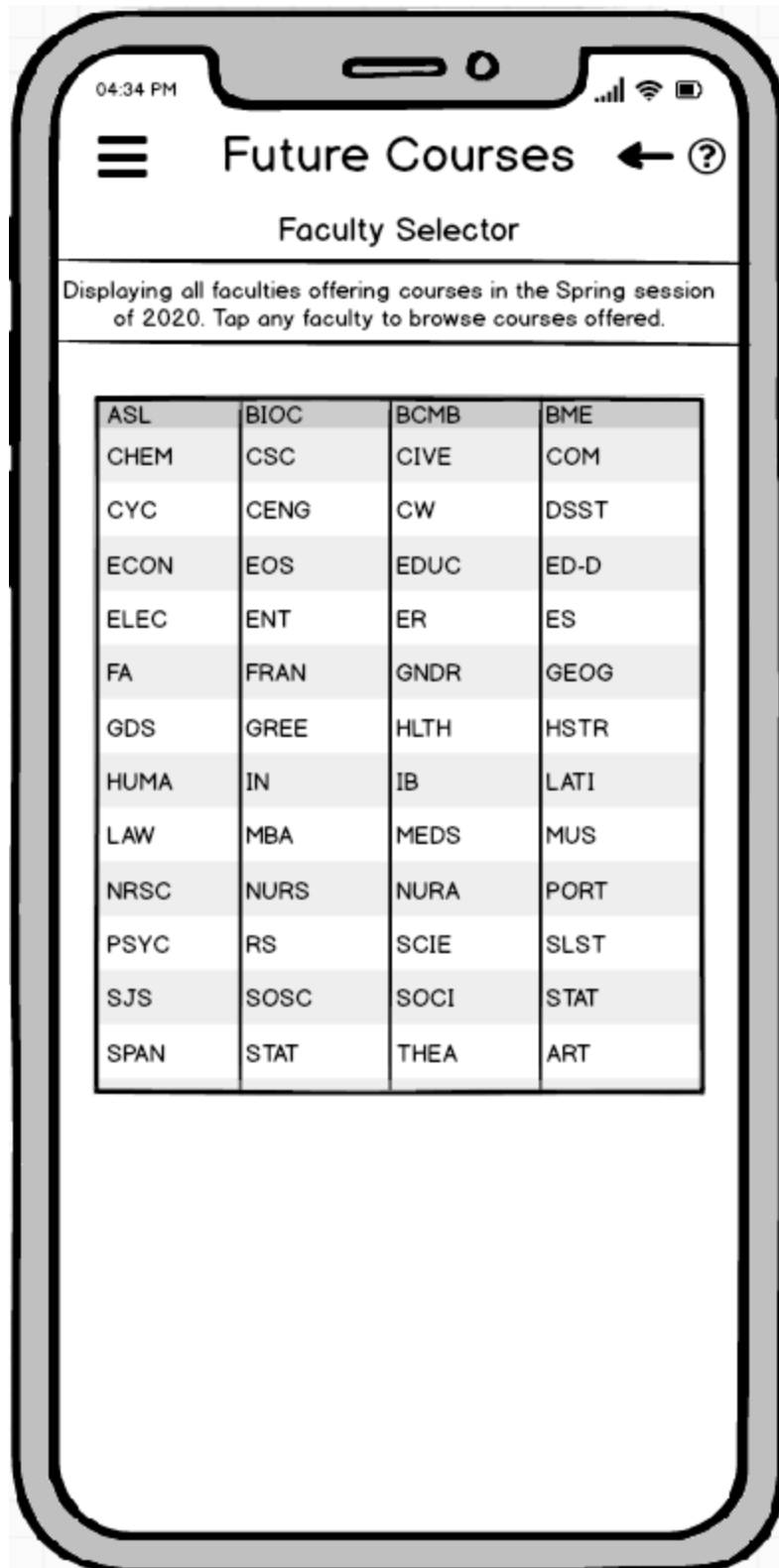


Figure 21: Faculty Selector. Displays list of all faculties available for the specified term from the Figure 20 page. In this case Session: Spring and Year: 2020 were chosen.

In case a user would like to quickly change the term or session being displayed they can hit the left facing arrow in the top right corner. There is also help from the question mark system available. (**Figure 22**).

The courses are generated from the UVIC Database.

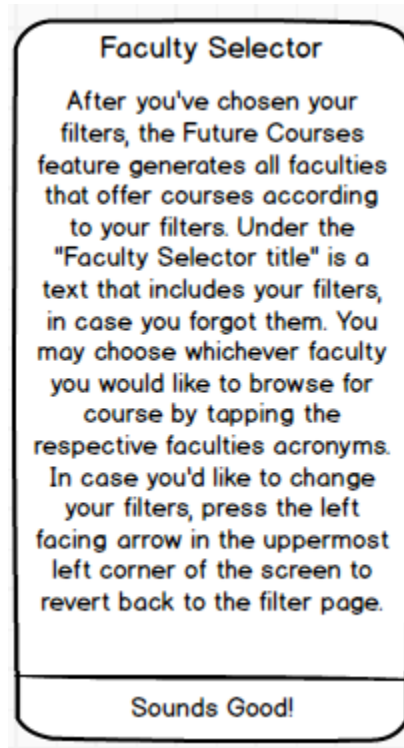


Figure 22: The Help/Information provided on the Faculty Selector page.

To view courses for a specific Faculty, simply tap and you will be redirected to a new page titled “Course Selector” (**Figure 23**).

In **Figure 23**, all courses available for the chosen faculty, year and session will display in a list format. Information and an arrow to return to the previous Future Courses page is available (**Figure 24**). To expand and learn more information about a course, simply tap the course and a pop up will expand listing specifics about the tapped course (**Figure 25**).



Figure 23: Course Selector for the Computer Science faculty. Displays all computer science courses available during the Spring Session of 2020, as specified on Figure 20

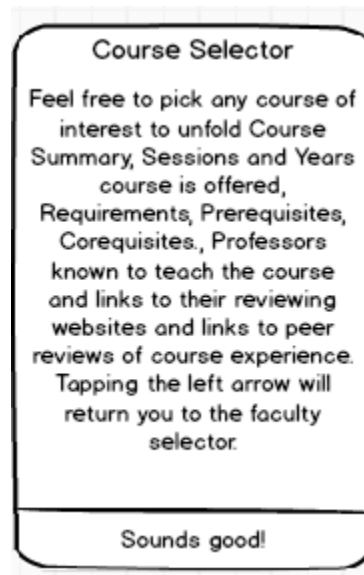


Figure 24: Information about the Course Selector.

In **Figure 25**, users learn tons of course information about the tapped course from the course selector. There are also hyperlinks available that open webpages. The hyperlinks are for

There is also help/information available on the page displayed in **Figure 25**. (**Figure 26**)

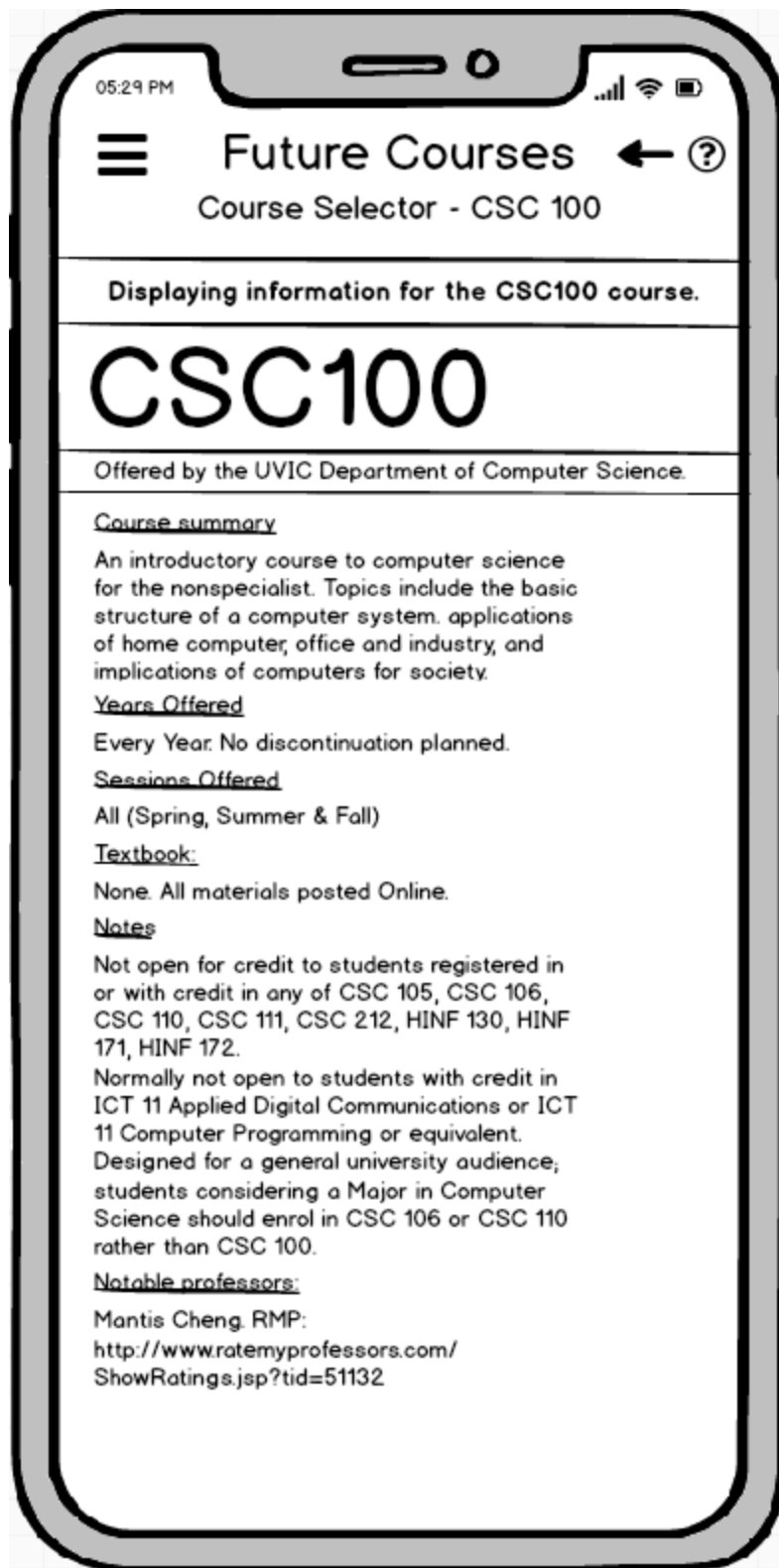


Figure 25: The Page after tapping on a course from the course selector. The left facing arrow on the top right corner will return you to the course selector which is Figure 23.

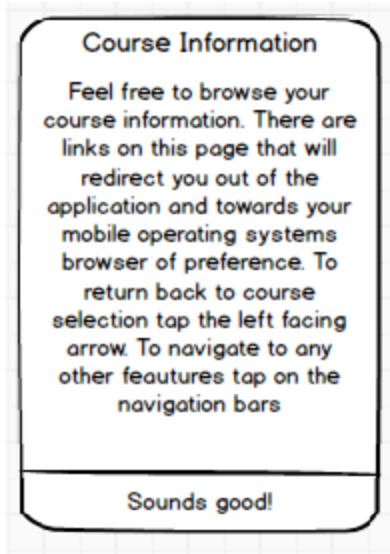


Figure 26: The Information available on Figure 25.

6- Daily TimeTable

The Daily Timetable is a way for students to view the current, previous or future schedule of a student's day. This was implemented for students to stay organized and be informed about class times, professors, locations, schedules and more! Users may also create reminders and see expand the map to see where their class is located. More of this is covered in the Map Section. (**Figure 28**).

First, there is a left facing arrow that is easily accessed from the top right corner of the screen that redirects the page to the Course Schedule menu (**Figure 17**). There is also an information pop up displayed when tapping on the Question mark. (**Figure 29**)

In **Figure 28**, the current data is automatically displayed along with the respective enrolled course schedule for the day. Students can navigate through dates and display their respective courses via the left and right arrows on the sides of the Date.

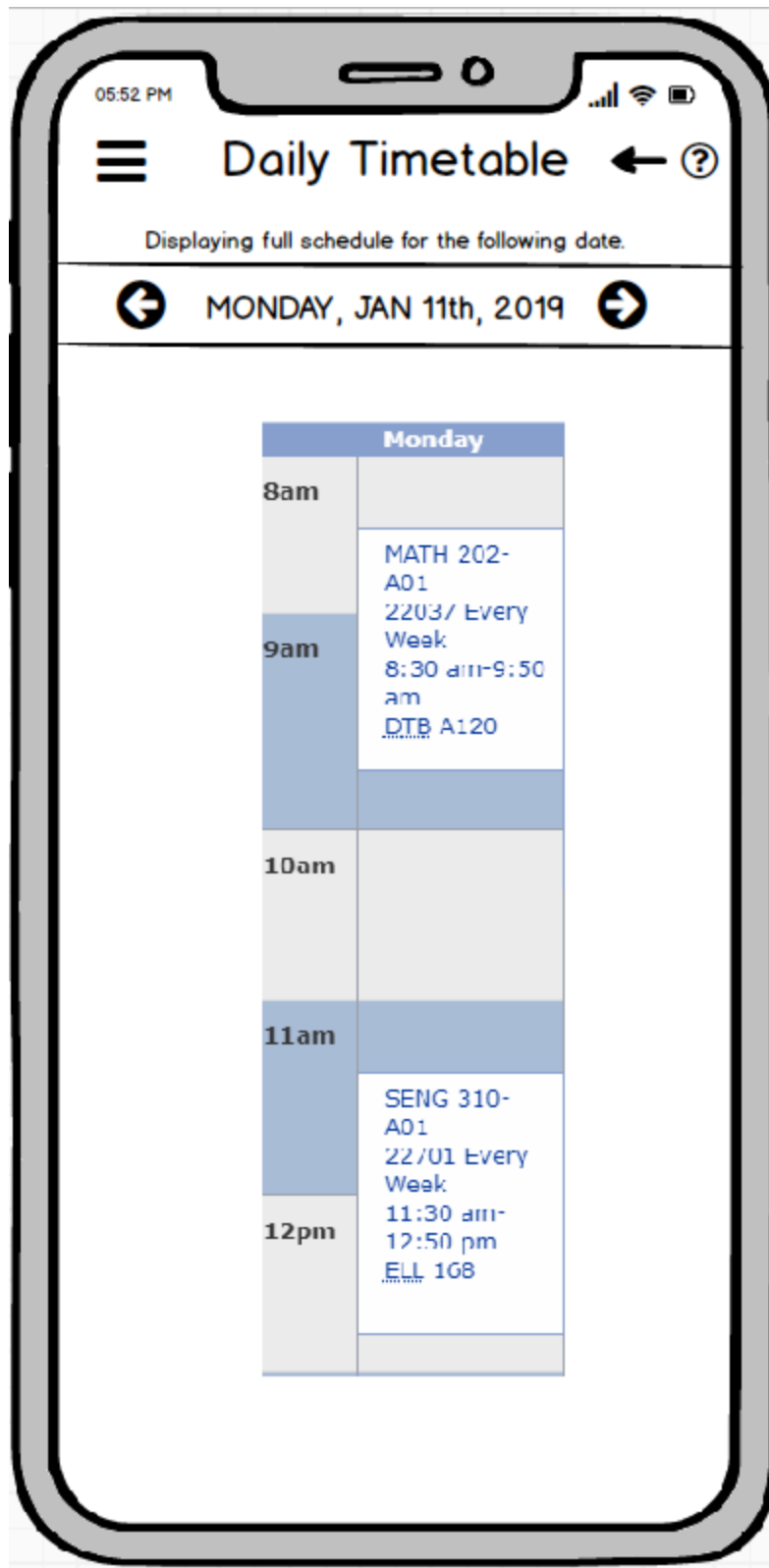


Figure 28: The Daily TimeTable.

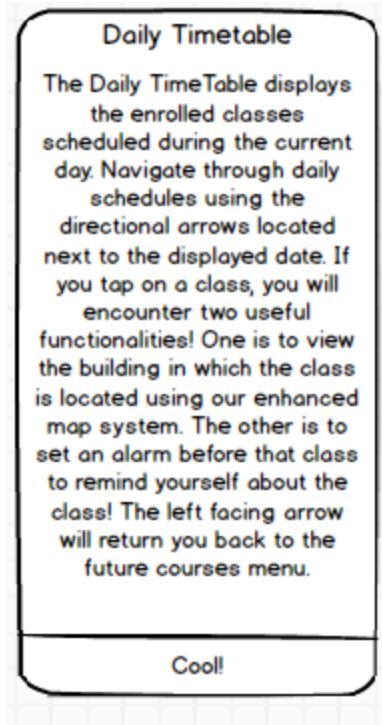


Figure 29: Information provided by the Question Mark System on the Daily TimeTable.

Further functionalities exist on the Daily TimeTable. This includes the option to set reminders before course times and as well a map function to display where that course is located on the UVIC MAP. There is also a cancel option available in case a user changes their mind. You can access these functionalities through a pop up which is opened by tapping on the class of choice. (**Figure 30**).

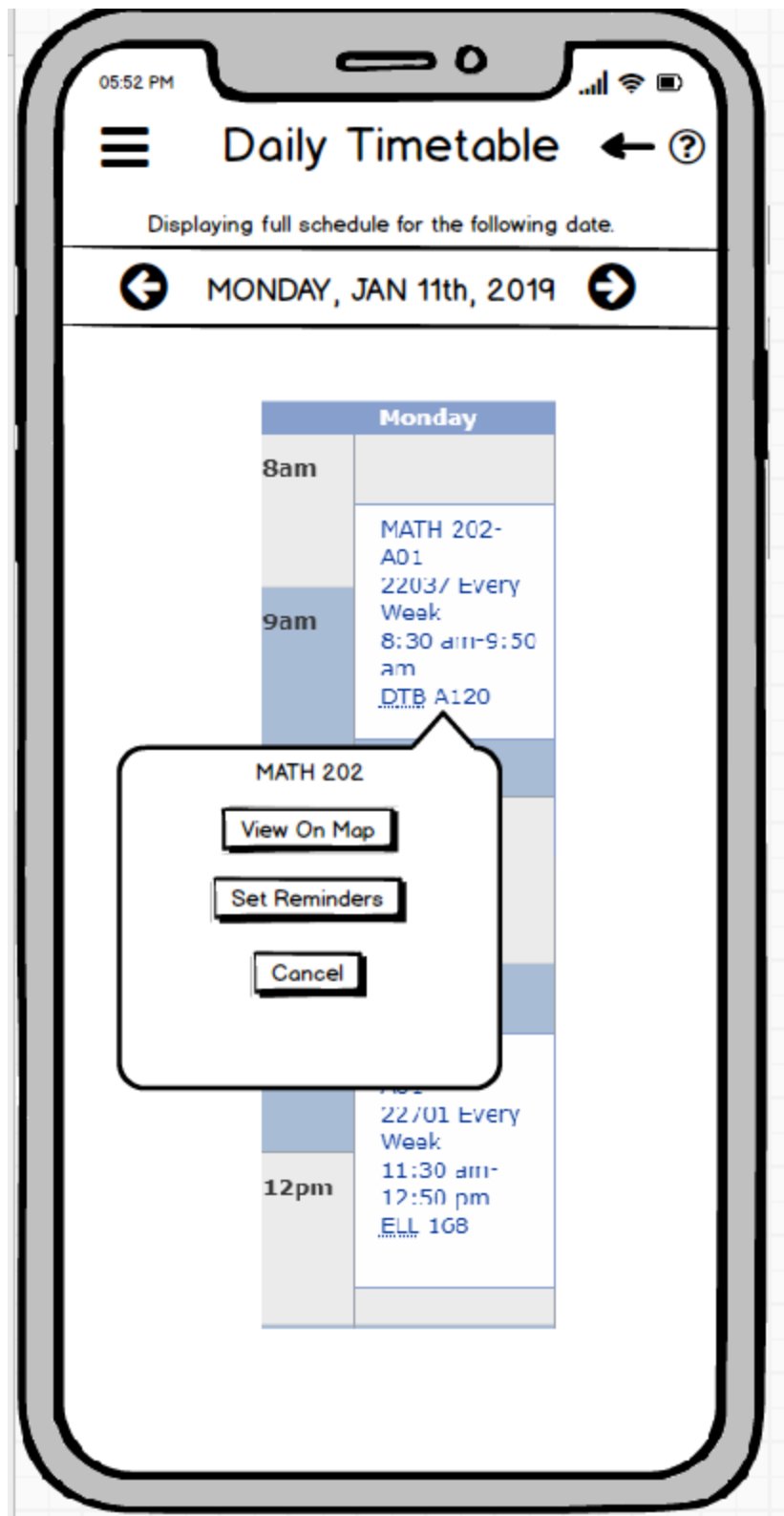


Figure 30: Functionality of Daily TimeTable.

The Set Reminders feature is accessible by tap, as well with the View On Map feature. The View On Map Feature will redirect you to the Map section of the Application. The Set Reminders feature will open a pop up with instructions and specifications about the reminder you are trying to set. (**Figure 31**).

The Alarm/Reminder provides a left facing arrow which takes the user back to the Daily TimeTable, as well as information (**Figure 32**).

Users can modify alarm volume, time, toggle buzz frequency, and choose the days in which they would like the alarm to sound. Users can also create a custom message for their alarm.

Beneath the keyboard in **Figure 31** is a save and delete button. Users can only have one alarm per class. So, adding a new one will delete the previous one. To delete an alarm simply hit delete alarm underneath the keyboard.

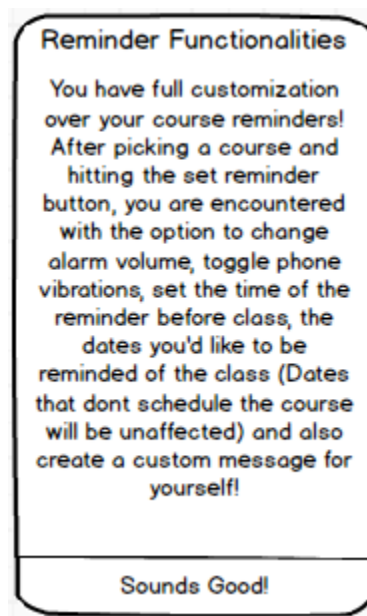


Figure 32: Reminder information!

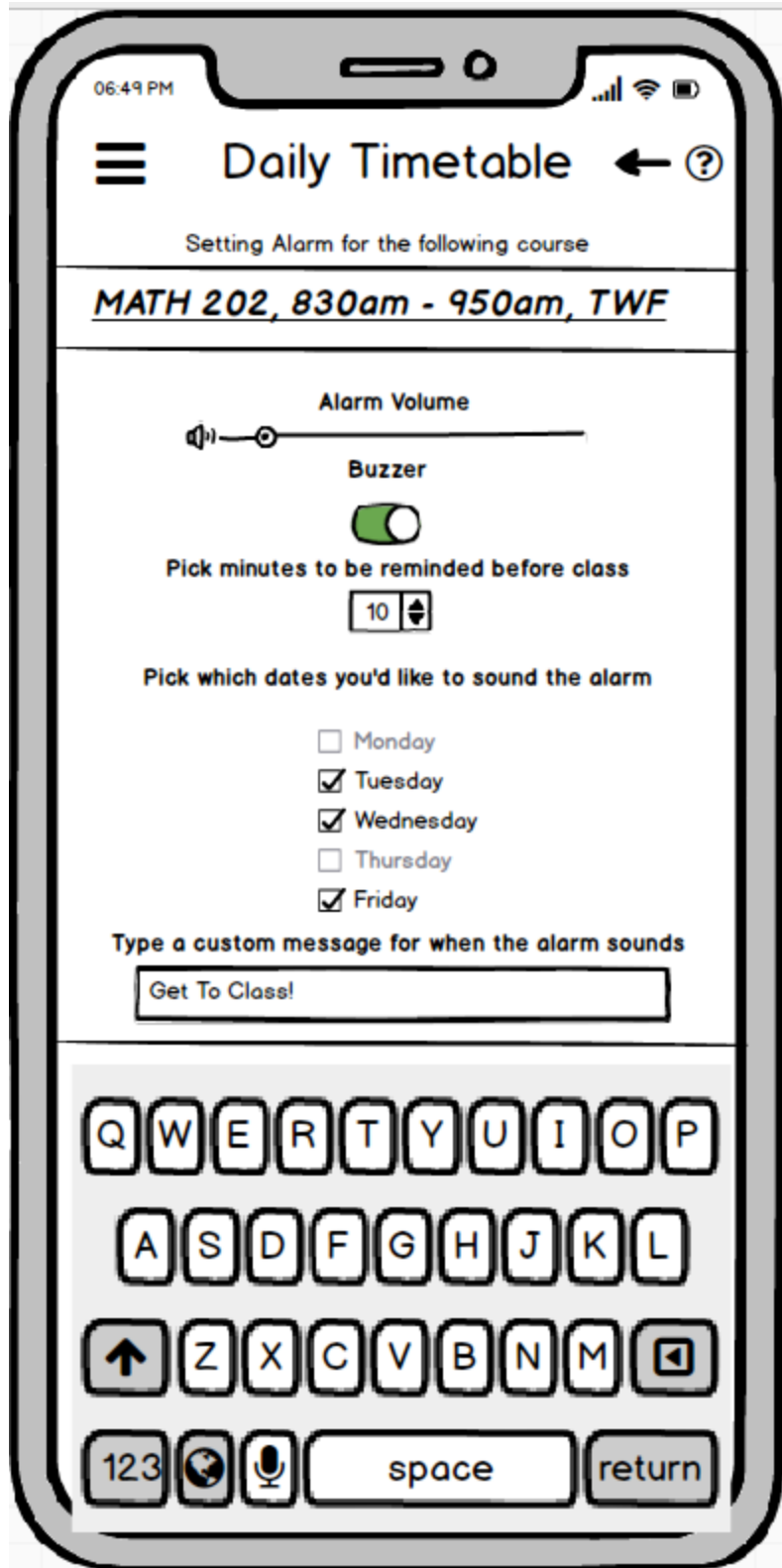


Figure 31: Daily TimeTable Alarm/Reminder System.

7- Degree Map Creator

The Degree Map Creator is one of the most complex yet useful and important features of the application. It directly integrates most of the user requirements from the original vision of P1. If not directly, it touches on the requirements with a very faint variation.

The following **DMC REQUIREMENTS** will be referenced during the Degree Map Creator explanation to relate to the original requirements created during P1.

- 1- Allows student to configure desired degree map/schedule in multiple ways (**Student Requirement 2**)
- 2- The student has the option to modify or fine tune the semesters to obtain the perfect schedule for each studying term. This can be done through toggling data fields while designing their degree map. (**Student Requirement 3**)
- 3- The software then displays an intuitive design of each semester through multiple representations: Charts for studying and downtime allocation. (**Student Requirement 4**)
- 4- Saving/Deleting the desired degree schedule/map. (**Student Requirement 5**)
- 5- If a user accidentally deletes a course, an undo feature will be available to revert to a precious configuration. (**Student Requirement 9**)
- 6- If a user deletes a pre or co-requisite to another course, a warning will be displayed to the user that the affected courses will not be available should the user continue the action. The option to revert the action will be present. (**Student Requirement 10**)

Upon tapping the Create Degree Map button on the Course Schedule Menu (**Figure 17**), the Degree Map process will begin. (**Figure 32**)

Figure 32 contains a backwards return arrow to venture back towards the Course Schedule menu as well as an information button. (**Figure 33**) It is titled "Create Degree Map". An introductory paragraph is available to explain how the degree map works. The first step is to name the new degree map and then to hit continue to move to step 2.

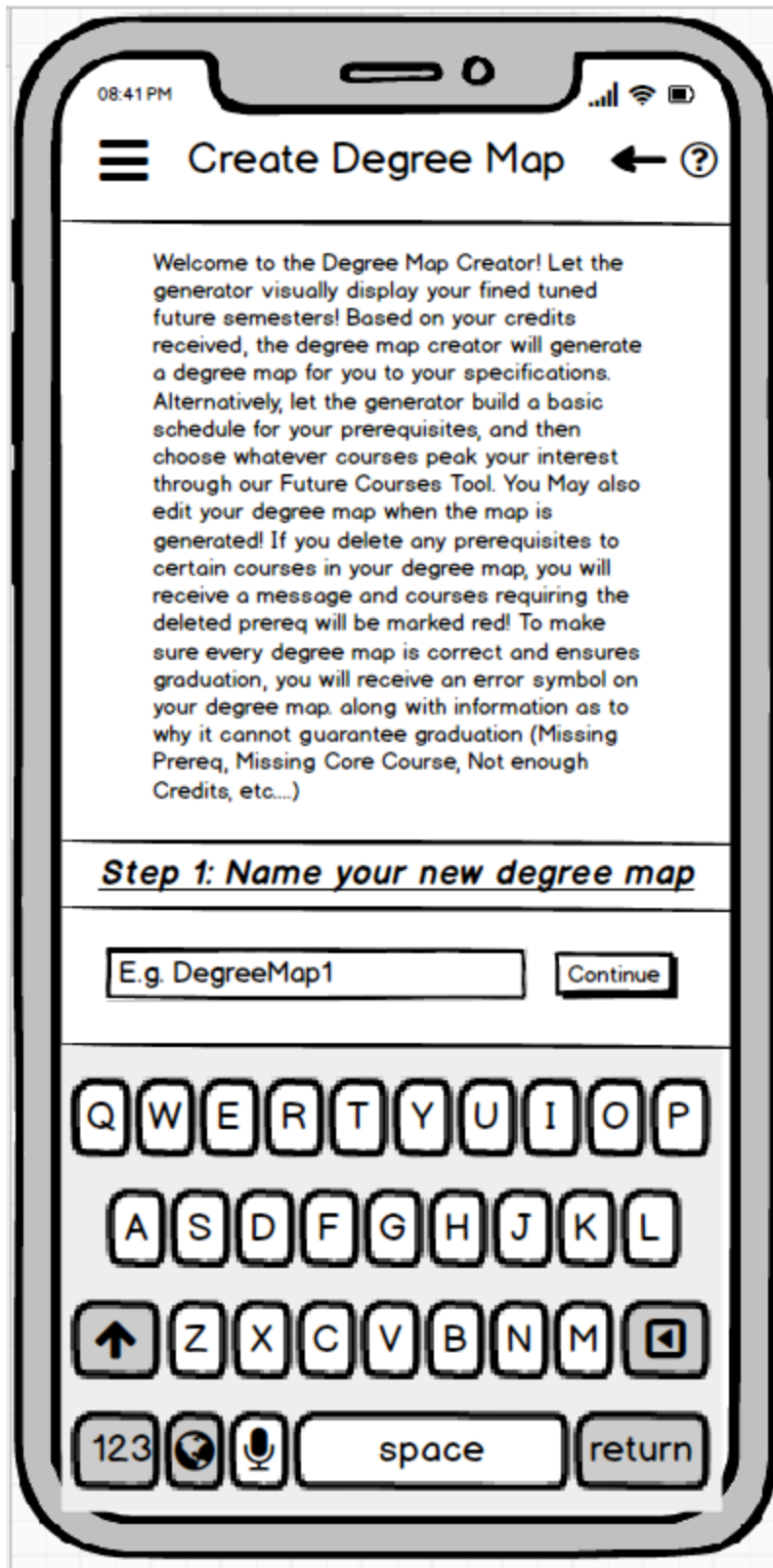


Figure 32: The first process of the degree map creator.

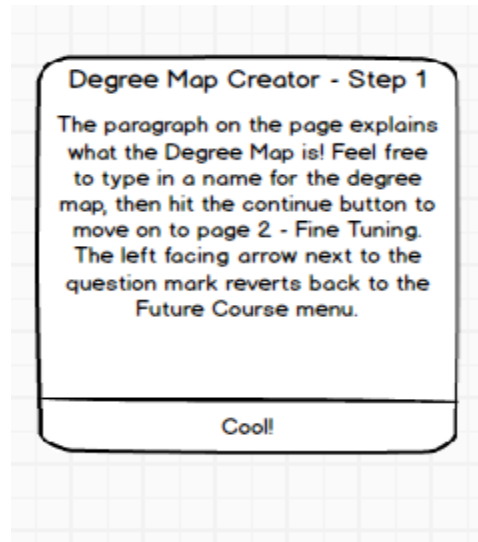


Figure 33: The Degree Map Page 1 Info.

After naming the degree map and hitting the continue button, users will proceed to step 2. (**Figure 34**)

At step two, users are encouraged to specify all requirements they would like to fulfill in their ideal degree. There is a back arrow in the top right corner to return to naming the degree map, if a sudden new name is thought off. As on every page, the navigation bars are present to allow easy navigation to different features. There is also a main Question Mark System for general info about Step 2 (**Figure 35**). Each Requirement Has a Question Mark System pop up (**Figure 36**) which explains what that specification is for and how it filters the UVIC Database to create the optimal degree map. **ALL DATA FIELDS MUST BE COMPLETED BEFORE GENERATION.** Figure 34 references DMC requirements 1 and 2.

09:03 PM

⌵ Create Degree Map ⬅️ ?

Step 2: Enter Specifications

Specification 1: Full Map or Pre-Requisite Map?

Full Map ▼ ?

Specification 2: Degree?

Intended Major: CSC ▼ Double Major: (Optional) No ▼ ?

Specification 3: Minor?

No ▼ (Optional) ?

Specification 4: Sessions per year?

2; Fall and Spring ▼ ?

Specification 5: Preferred courses per semester?

5 ▼ ?

Specification 6: Most appealing faculties?
(Other than major(s)/ minor)

1) Economics ▼
2) Statistics ▼
3) Commerce ▼ ?

Specification 7: Co-op or Vacation?

Fall 2020 ▼ ?

Generate and Save "DegreeMap1"

Figure 34: Step 2- Degree Map Creation- Specifications

Figure 35: General Info for page 2 (top right question mark)

Degree Map Creator - Step 2

Moving onto the detail of you very own degree map! Firstly, **IMPORTANTLY** Note that ALL fields require an answer before you may generate your Degree Map, as the information entered here is vital. Based on the specifications you provide, your completed courses will be pulled in from your administrative transcripts database and the map will be generated based upon factors like credits received, credits remaining, prerequisites finished, preferred sessions of study, favourable electives, double majors, minor certificates and more! Combining all of this data will provide you with the most optimal personally suited degree map for YOU! If you'd like to rename your degree map, just hit the left facing arrow!

Sounds Good!

Figure 36: Question Mark System for each specific general requirement

Spec 1: Full Map Or PreReq Map?

Specification 1

A Full map completely drafts up an entire degree for you. From how many credits you currently have to the semester where you achieve enough for a bachelors degree, each semester will be occupied with courses of your preference/ While this is the quickest way to generate a course degree map, there is another option A Pre-Requisite map calculates how many pre-requisites you must complete before you dive into your core degree courses. This way, your Pre-Requisites will be scheduled to finish as quickly and efficiently as possible, leaving you able to build up your degree with your personal favorite courses.

Gotcha!

Spec 2: Degree?

Specification 2

Please provide the Program you are attempting to achieve a bachelors degree in. Double major option is optional, but we recommend trying it to see your options!

Knowledge is Power!

Spec 3: Minor?

Specification 3
A Minor is a smaller degree than you can specialize in. If you choose a minor your electives will mostly be oriented to the minor degree requirements
Cool!

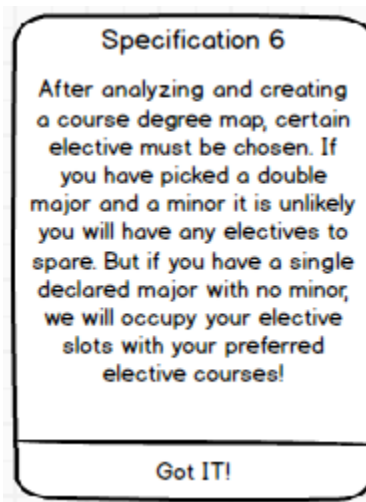
Spec 4: Sessions Per Year?

Specification 4
Some courses aren't offered all year round. That being said, knowing which sessions you will be attending will generate the fastest route within those sessions to complete all degree requirements.
Decent!

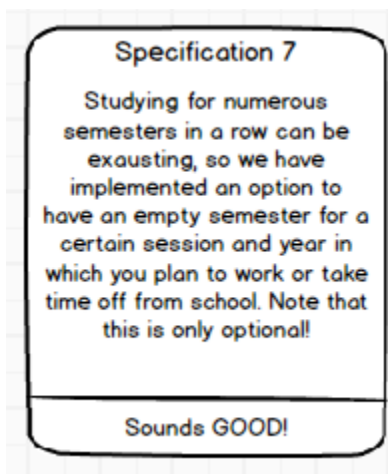
Spec 5: Preferred Courses Per Semester?

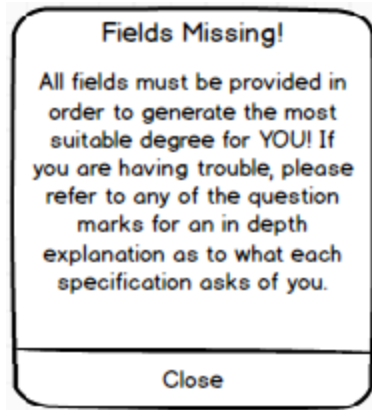
Specification 5
Confirm how many courses you would like to complete per semester. By knowing this, we can fully organize your semesters with the amount of courses that fits your schedule.
Got IT!

Spec 6: Top three most appealing electives?



Spec 7: Co-op?





In case not all data fields are complete!

After all specifications have been answered, Users hit the Save and Generate Button which includes the parsed name of their Degree Map. After this action, users will move to the Overview (**Figure 37**) where they are able to Edit, Overview and Fully Explore their degree maps.

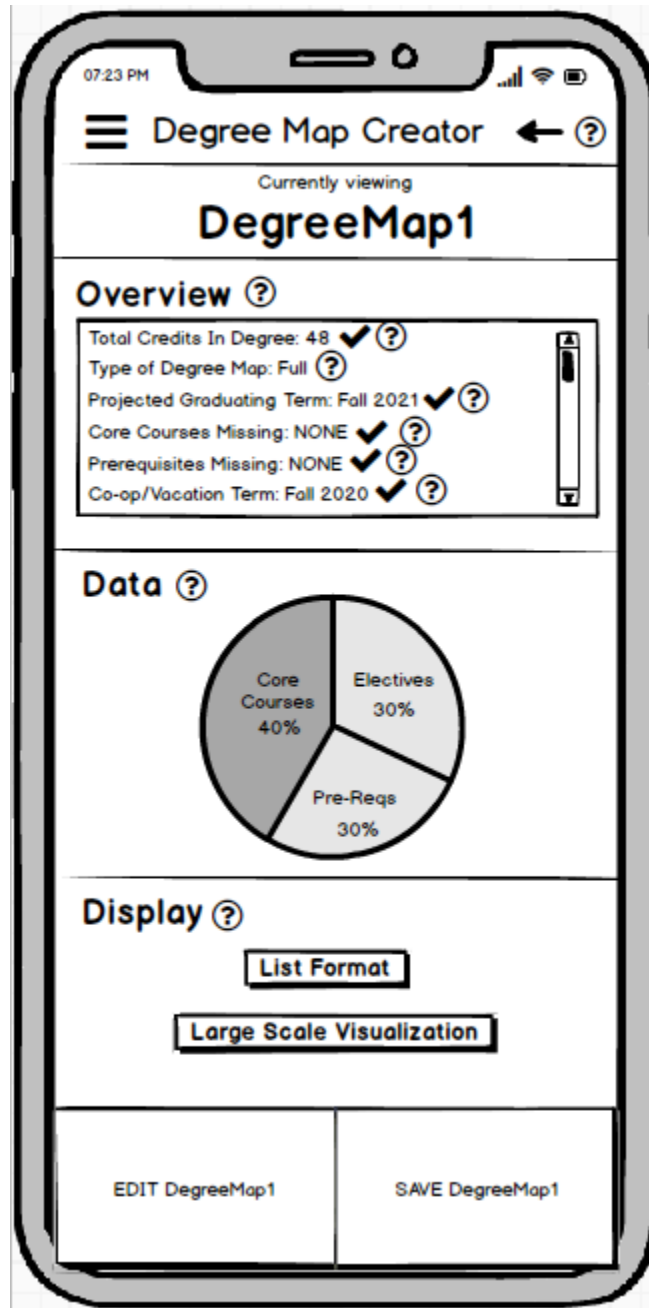


Figure 37: Degree Map Creator Page 3, The VIEWER

Here, the degree map is completely generated over the specifications of the previous page. There is the back arrow to quickly update specifications, and next to it is a question mark that opens a pop up containing information about the actions that can be done at this point (Figure 38). The header is the parsed degree map name, and under that is the **overview** with multiple Question Mark Explanations (Figure 39). An expandable pie chart is available display course styles and **data** (Figure 40) along with data information (Figure 41). There are two **display** options available (Figure 42 for list, Figure 43 for large view). Finally, users may edit and save the degree map directly from this page.

The process of **EDITING** is accomplished in **Figure 44** and **Figure 45**

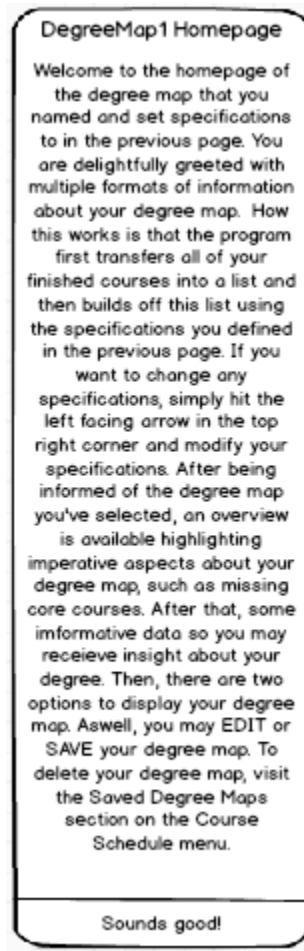


Figure 38: Main Overview of Figure 37 (Question Mark next to Back Arrow)

DMC REQUIREMENT 6

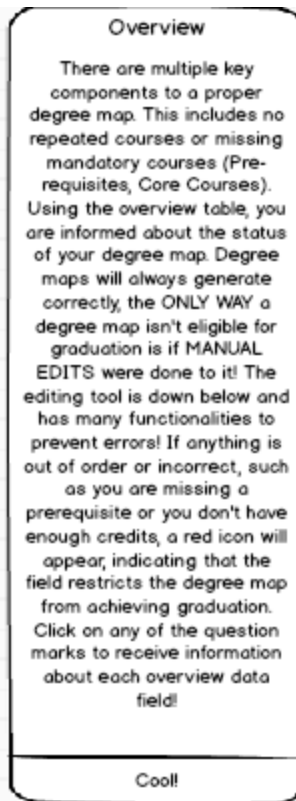
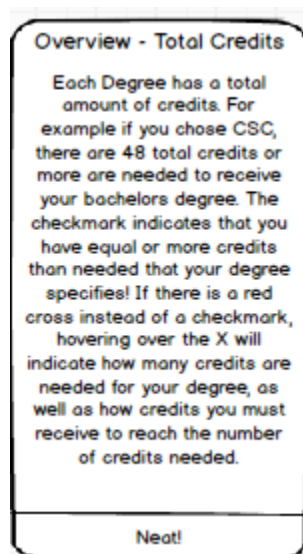


Figure 39: Overview Information.

The Following are Question Mark System pop ups in the overview

Total credits



Type Of Degree

Overview - Type of Degree

As specified before, you may generate two types of degree maps. The seemingly obviously option is the Full Degree Map which calculates a fully functioning degree map using your previously completed courses as building blocks. The other option is a Pre-Requisite Degree Map which generates all your pre-requisites in the most efficient manner, so you may hand-pick your 300-level and 400-level courses. There is no checkmark option as this only specified which type of Degree Map you have selected.

Great!

Grad Term

Overview - Grad Term

This displays the semester where you have achieved or surpassed the required amount of credits to graduate. If your Degree map isn't eligible for graduation in it's respective chosen program, "N/A" will be displayed along with a red X. The reasons for a "N/A" graduation term could be missing core or pre-requisite courses, which are displayed underneath.

Cool!

Core courses

Overview - Core Courses

This data field indicates any courses that are missing from the Core Courses of your degree requirement. Say you generated a FRESH FULL degree map for a Computer Science Degree. You decide to replace a 400-level course with a 300-level course you are interested in. However, this will result in only TWO 400-level courses, when THREE are required for a Computer Science Degree. Thus, the "NONE" will be replaced with a "400-Level Course" list item. To fix this is up to the user, but many solutions are available, such as taking both the dropped 400-Level Course and 300-Level Course in the same semester. Upon this action, the "400-Level Course" will be replaced with "NONE" and the red X will turn into a checkmark, indicating that no core courses are missing. Aswell, the Total Credits in Degree data field will have increment to the credited amount given by the 300-Level Course.

Brilliant!

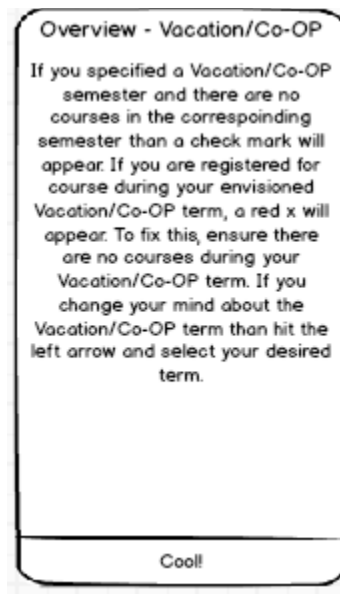
Pre-Reqs

Overview - Pre-Req

The "Missing Pre-Requisite" data field lists all missing Pre-Requisite courses. If you accidentally delete a Pre-Requisite then it will appear in this data field. Also, the checkmark will turn into a red X. A useful tip is to first generate a Pre-Requisite degree map. This way, the Pre-Requisite courses missing in your degree will be prioritized in your degree map. After generating all remaining Pre-Requisites, you may then fully customize your 300-level, 400-level and elective courses to your preference. Further, hovering over a missing pre-requisite will show the courses you are unable to enroll without completing the missing Pre-Req.

Nice!

Co-op Vacation/Term



Essentially, every time an OverView data field is effected by editing the degree map, it will show up in the overview so users may have a quick insight over their entire specific degree map. It is also excellent for finding out erros in your degree map with the Missing List features.

Data

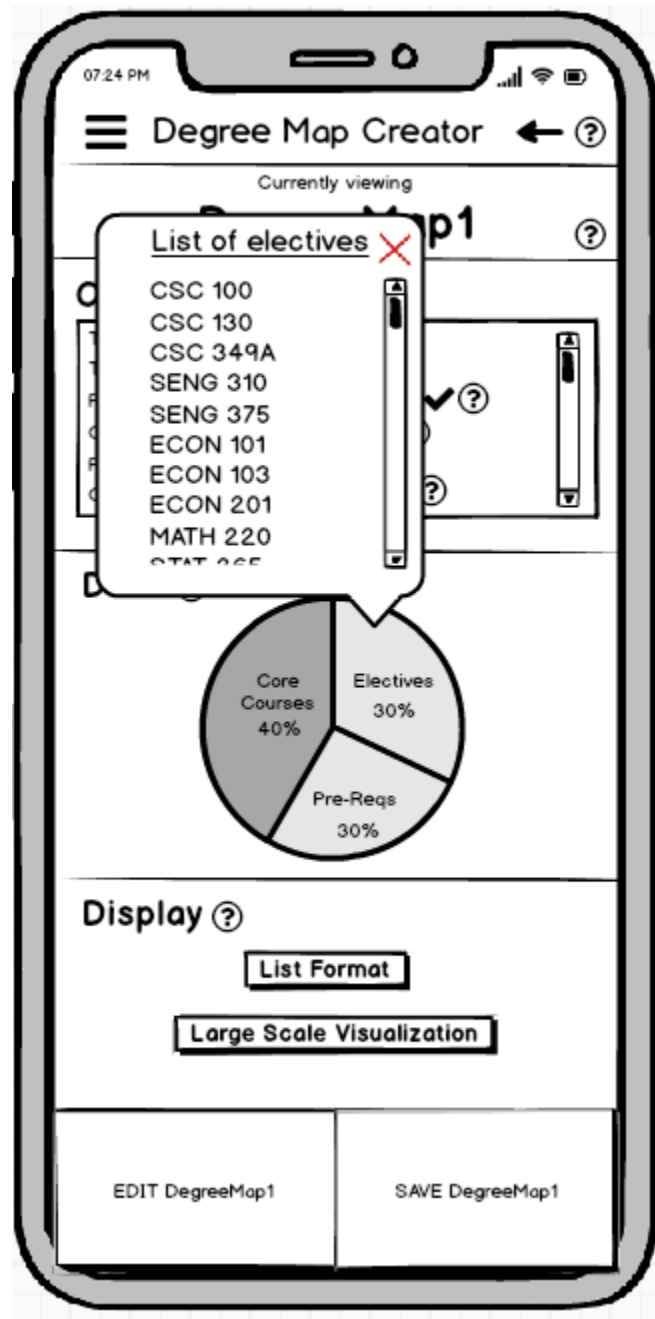


Figure 40: Tapping on a Pie Data Slice in the Pie Chart will expand information about this slice (Style Of Course and Courses of this style present in degree map).

DMC REQUIREMENT 3

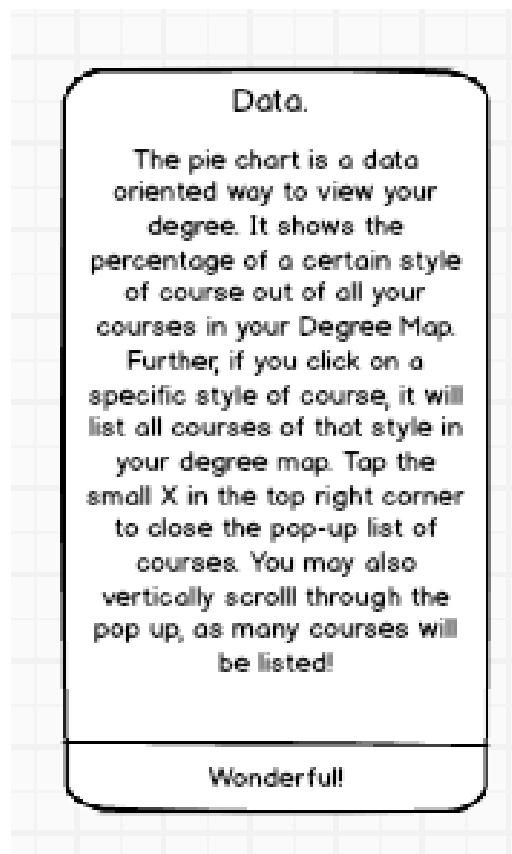


Figure 41: Data Information upon Tapping Question Mark

Display

07:41 PM

Degree Map Creator

List Format Display

DegreeMap1

Fall 2018 (C)

Name	Credit	Ele	Core	PreReqs	Prereq For?	CoReq?
CSC110	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	CSC115	N/A
CSC106	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	N/A	N/A
CSC130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	N/A
ENGL135	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	ENGR225	ENGL146

Term Searcher:

Fall 2018 Info

Courses: 4
 Total Credits After Fall 2018: 6
 Courses Completed : 4
 Electives: 1
 Core/Mandatory Courses: 3
 Prereqs needed: 0
 Prereqs listed: 2

CSC110 -> CSC115
 ENGL135 -> ENGR225

Coreqs Available: 1

EDIT DegreeMap1 **SAVE DegreeMap1**

Figure 42: List Display

The list display shows an entire semester and its course information accordingly. When Editing the Course Map, the data in the list here will be updated with the respective courses. You may not edit semesters that are current or have been in the past. This is because your course maps are all generated from the UVIC Database. Navigate through semesters using the arrow keys or term searcher.

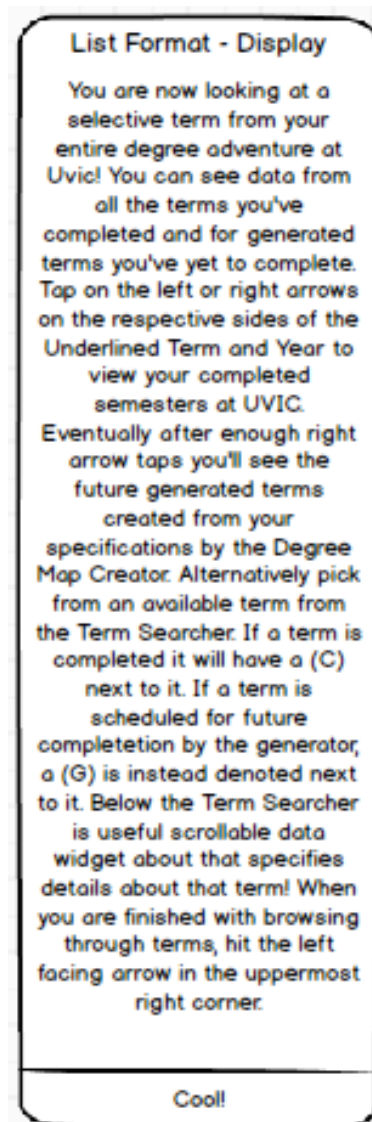


Figure 42.1: Information for the list display. Pops up by hitting the most top-right “?”

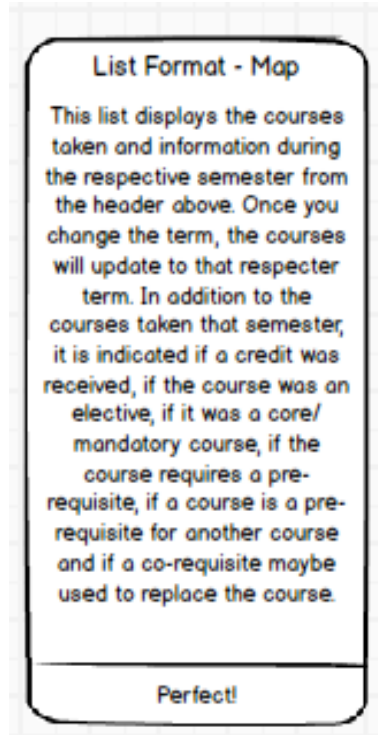


Figure 42.2: Information for the list map.Pops up by hitting the “?” in the bottom right of the map.(middle of the page)

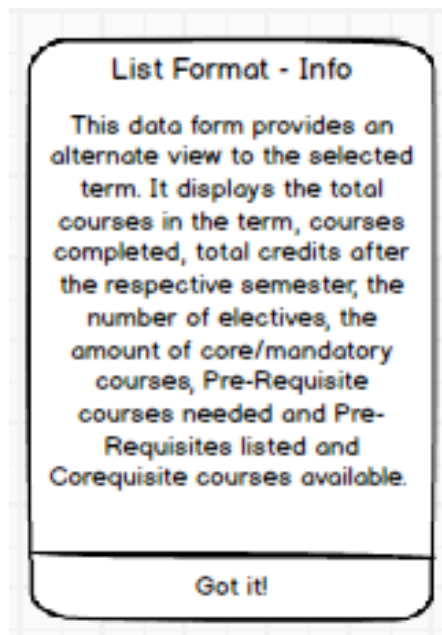


Figure 42.3: Information for the list info.Pops up by hitting the “?” in the MOST bottom-right of the info box (near bottom of page).

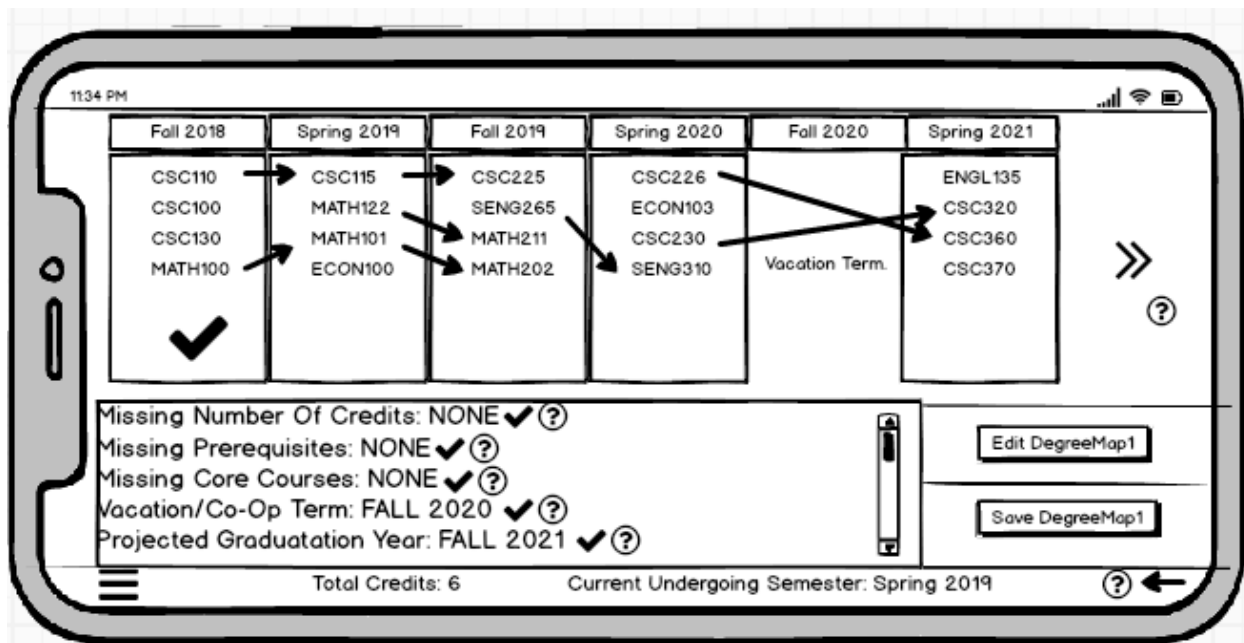


Figure 43: Large Scale Visualization

Large Visualization

The Large visualization is a different format intended to see multiple semesters at once, so that you may get a bigger picture of the schedule.

As well, the overview is present to maintain schedule correctness. Further, there are some new symbols that the user should note. These symbols include the arrows and the checkmark. The checkmark indicates that the semester has already been completed, and credits have been added to the total credit accumulation. Next is the directional arrows. These arrows indicate the link between an advanced course and its respective prerequisite.

OK!

Figure 43.1: Large Scale Visualization help/info. (bottom right).

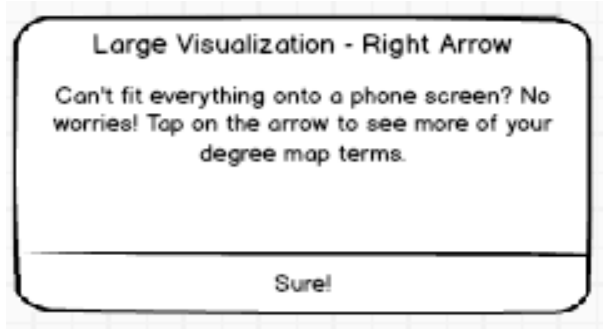


Figure 43.2: Navigation information of the Large Map Visualization.

Note: Same Overview Is imported from the previous page.

EDITING

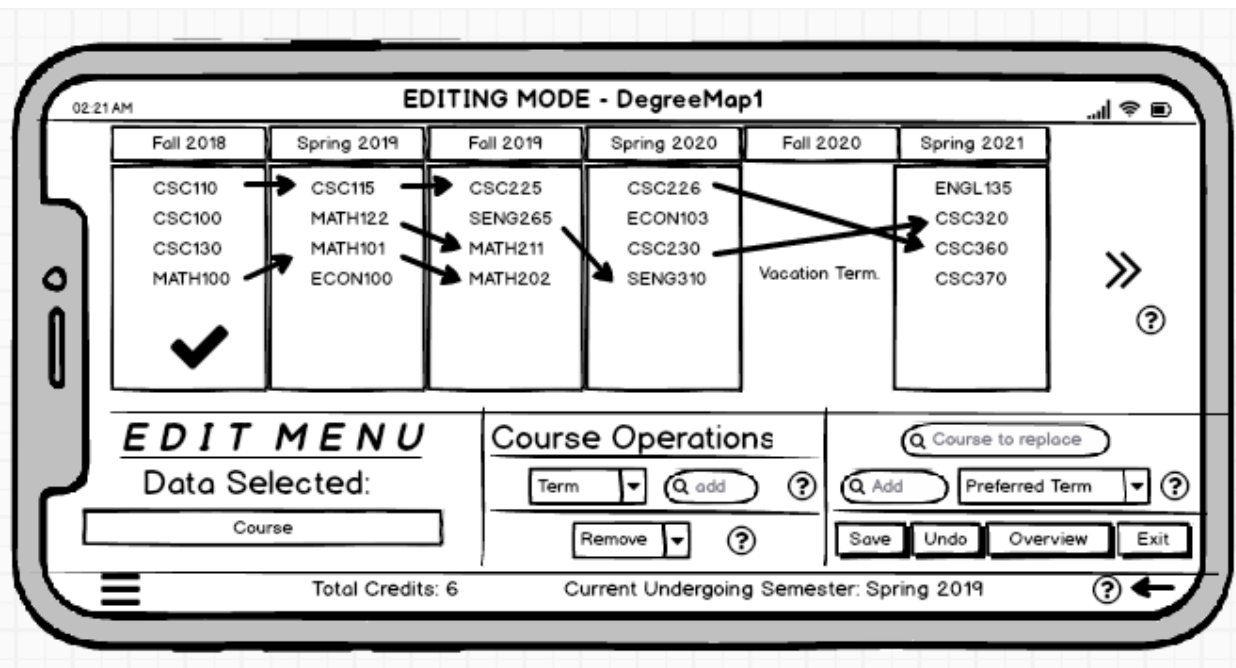


Figure 44.1: Editing- Course

During the editing process, the large scale visualzization is maintained. Since as previously explained, only one instance of a course may be in the degree map at all times, students may select that course and perform an action with it. DMC Requirements 4 and 5 are accomplished in the editing process.

Editing Process - Degree

The Editing Process uses the large visualization as users can see multiple semesters in advance to maintain prerequisite and core class organization. First off, you may not edit past terms. Past terms are indicated with a check mark. Users may perform operations with classes or entire terms/sessions. To begin editing, users follow a three step procedure. The First is to select data, either a course or a term. Next is to take action on either a term or course. Once completed, users may inspect the overview of the course map to see if there are any errors in the course map. Alternatively, the large scale visualization displays errors. They may also Undo the action in case the action was catastrophic. Remember to save then exit!

OK

Figure 45: Editing Process

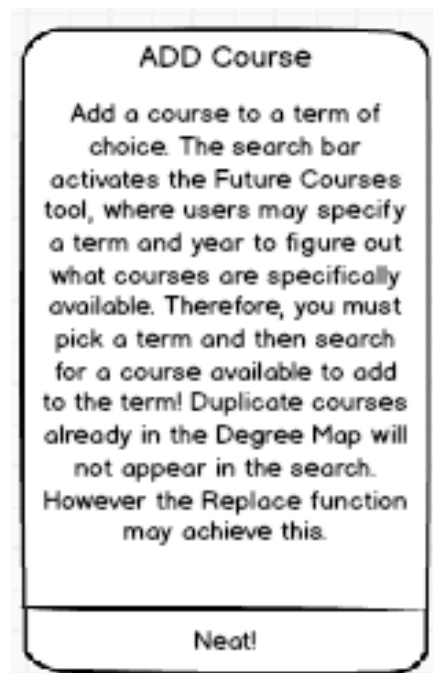


Figure 44.1A – Process for adding Courses.

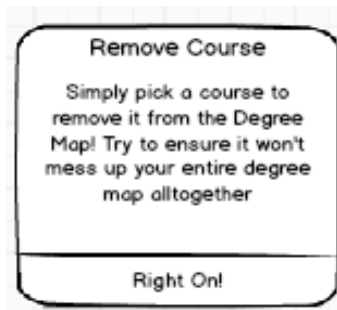


Figure 44.1B – Process for removing Courses.

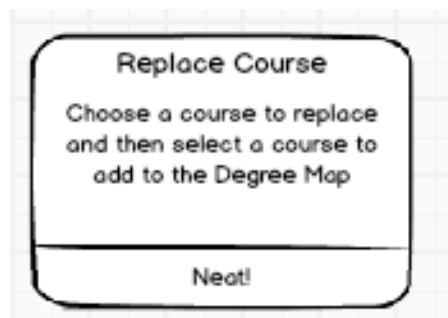


Figure 44.1C – Process for replacing Courses.

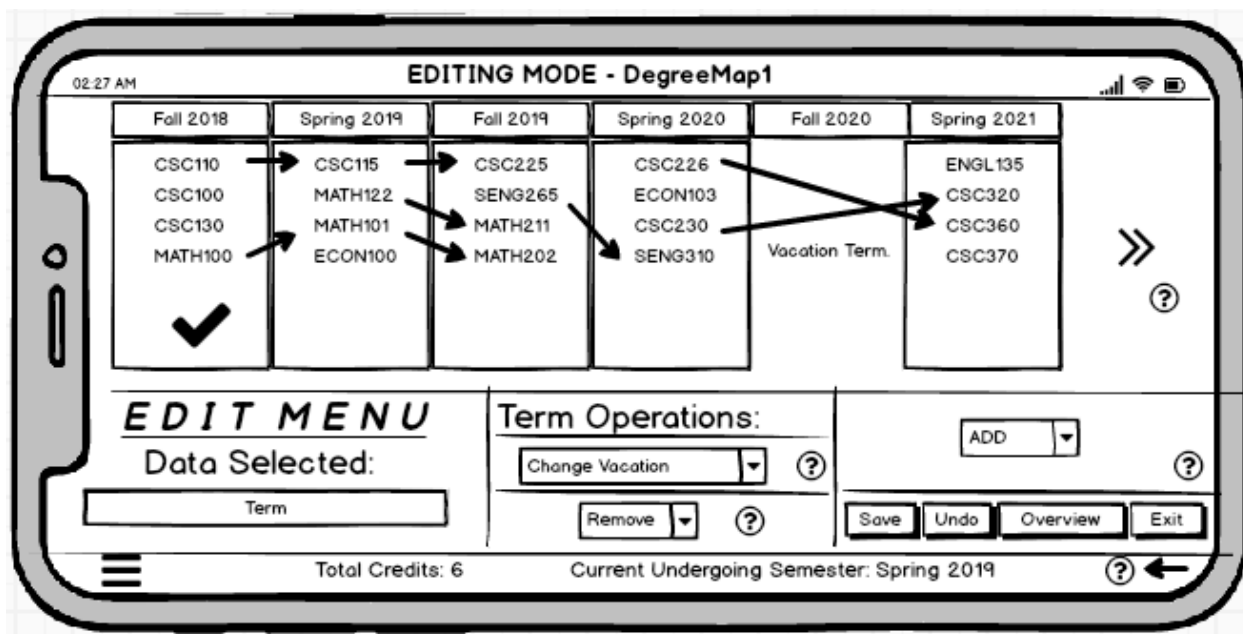


Figure 44.2: The Alternative to Editing course – TERMS.

Students may also add Terms, Remove Terms, or change the designated Vacation term.



Figure 44.2A – Adding terms

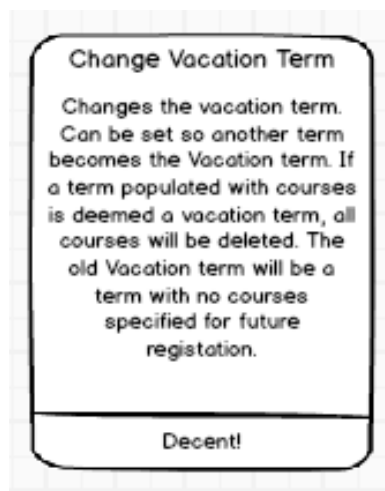


Figure 44.2B – Changing Vacation Term

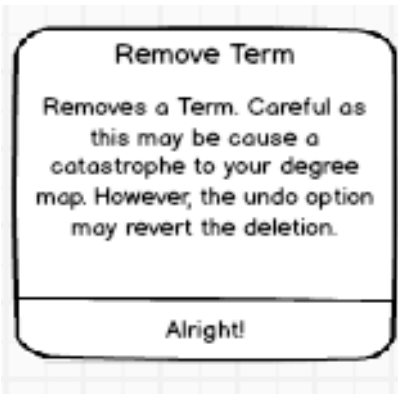


Figure 44.2C – Replacing Terms.

8- My Saved Degree Maps

The action to save a degree map is always available when editing or viewing a degree map. Simply look for the SAVE button, and then all the data will be preserved in memory, allowing students to access a vast amount of degree maps for future use and degree calculation. As well, if a user is on the course schedule menu, the very bottom button is the “My Saved Degree Maps” button, which redirects users to **Figure 46**. If there are no Saved Degree Maps, the student will be prompted to create one. (**Figure 47**) A vertical bar is used to scroll the list of Degree Maps. There is also A Question Mark System Information pop up (**Figure 48**). Use the back arrow to return to the course schedule menu.

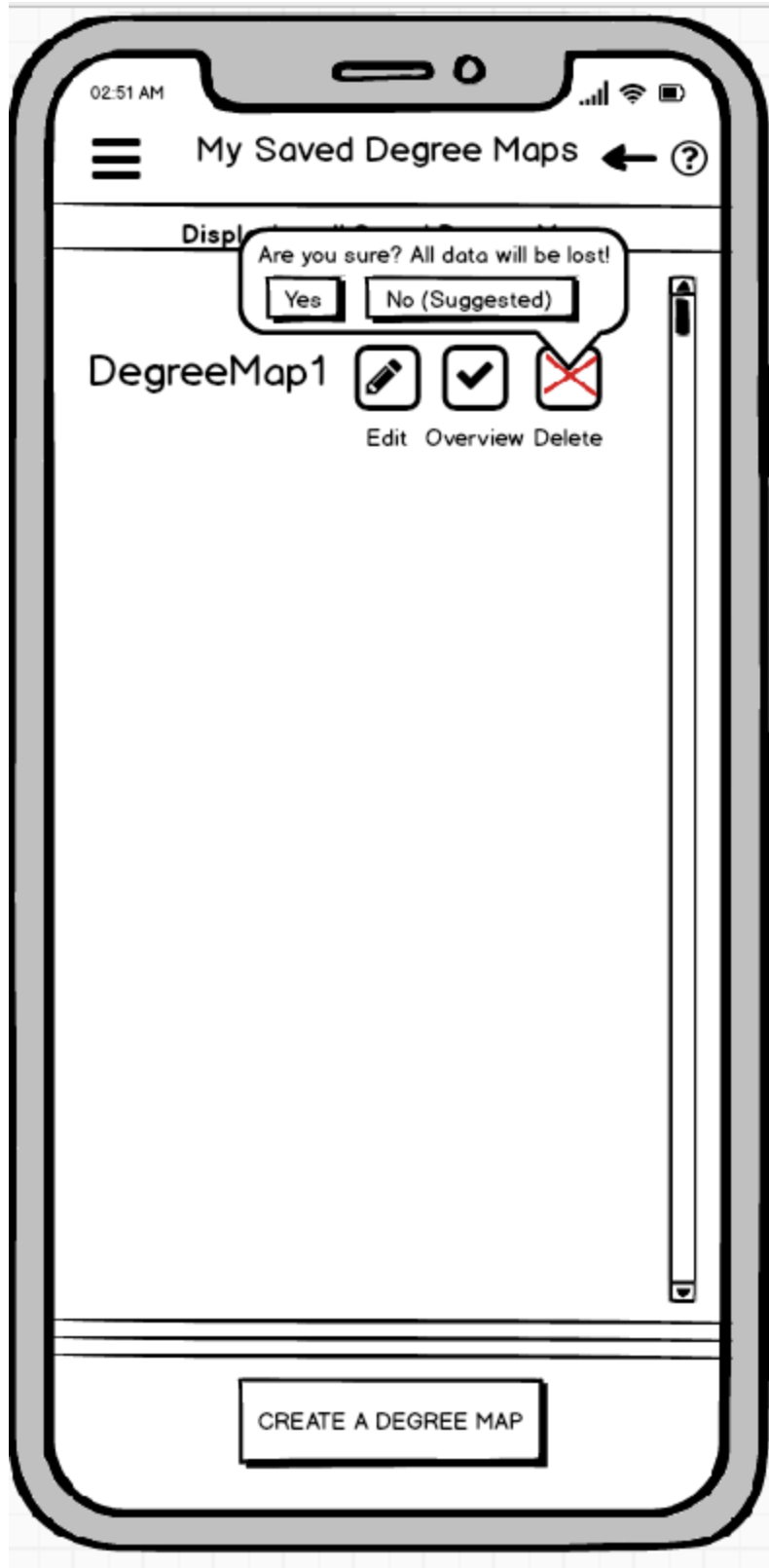


Figure 46: Users may Edit, Delete or View Degree Maps directly from the “My Saved Degree Maps” Page

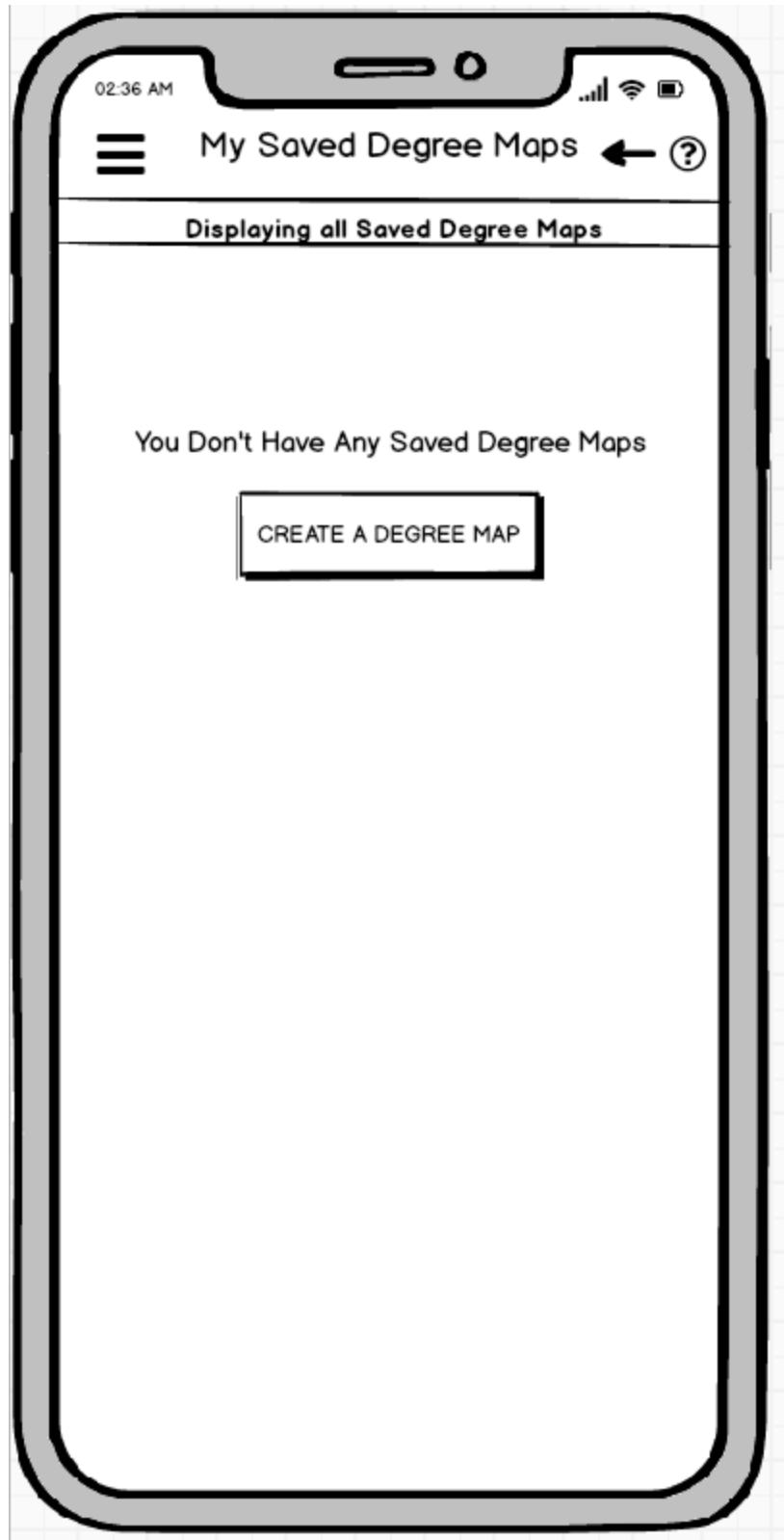


Figure 47: Prompt when no Degree Maps have been Created.

My Saved Degree Maps

Here stores all of your created Degree Maps. You may edit, view, or delete any degree map. Would you like to create a new one?

No Yes

Figure 48: Information for my Saved Degree Maps.