

## Highest Priority

### Miscellaneous

Program at a time

As a user who has permissions in multiple programs I want to be able to see the information of one program at a time so it will be easier to accomplish work.

### **View programs**

As a member of the public I want to be able to view all programs in the system so that I can learn more about what ABET accredited programs Montana Tech offers.

Acceptance criteria:

#### **Successfully view programs**

Given (blank indicates any time)

When a user requests to see a list of all programs

Then a list consisting of the program abbreviation, program name and the name of the active semester for each program is displayed, along with the heading including the words "Programs" and the date.

#### **Successfully view no programs**

Given there are no programs in the system

When a user requests to see a list of all programs

Then the a heading including the words "Programs", the date, and the message that currently there are no programs

#### **Unsuccessfully view programs**

Given

When a user requests to see a list of all programs and there is an internal error

Then an error message is displayed, apologizing and telling the nature of the error (can't connect to the database, insufficient privileges to access the database, server error, front-end error)

### Outcomes- public

View outcomes

As any user I want to be able to view all active outcomes so that I can learn what types of things are measured.

Acceptance criteria:

### **Successfully view outcomes**

Given (blank indicates any time)

When a user requests to see a list of all outcomes

Then a list consisting of the program prefix text, outcome identifier and text of each current outcome is displayed, along with the heading including the word “Outcomes” and the date. Current outcomes are those for which the begin semester is the current or a previous semester, and the end semester is null or the current semester.

### **Successfully view no outcomes**

Given there is no current outcomes in the system, i.e. no outcomes for which the begin semester is the current or a previous semester, and the end semester is null or the current semester

When a user requests to see a list of all outcomes

Then the a heading including the word “Outcomes”, the date, and the message that there are no current outcomes

### **Unsuccessfully view programs**

Given

When a user requests to see a list of all current outcomes and there is an internal error

Then an error message is displayed, apologizing and telling the nature of the error (can’t connect to the database, insufficient privileges to access the database, server error, front-end error)

### **View outcomes in program**

As any user interested in a program I want to be able to see the current outcomes of that program, and not the outcomes of other programs, so that I can easily learn what the program aims to accomplish.

### **View outcome**

As any user who can identify an outcome I want to be able to see the text of that outcome so that I can learn what is involved in meeting that outcome.

Acceptance criteria:

### **Successfully view outcome**

Given a user has the prefix text and the identifier of an outcome

When a user requests to see the identified outcome

Then the outcome text, begin semester name and either “not specified” or the end semester name is displayed, along with the heading including the outcome prefix text, outcome identifier and the date.

**Outcome not found**

Given a user has a prefix text and an identifier that does not identify an outcome  
When a user requests to see the identified outcome  
Then the heading stating “Outcome” inputted prefix text, inputted identifier,  
“ does not identify an outcome” and the date is displayed.

**Unsuccessfully view programs**

Given a user has a prefix text and an identifier  
When a user requests to see the identified outcome  
Then an error message is displayed, apologizing and telling the nature of the error  
(can’t connect to the database, insufficient privileges to access the database,  
server error, front-end error).

**Outcomes- program manager**

Create and associate outcome

As a program manager I want to be able to create an outcome and associate it with the program that I manage so that my program can begin to assess that outcome.

Associate outcome

As a program manager I want to be able to associate an existing outcome with the program that I manage so that my program can begin to assess that outcome.

Acceptance criteria:

**Successfully associate existing outcome with a program**

Given a program manager for program x has the prefix text and the identifier of an existing outcome that is not already associated with program x  
When the manager requests to associate the identified outcome with their program  
Then the identified outcome becomes associated with program x for the interval beginning with the current semester and ending with null, a message is displayed that confirms that the outcome identified is now associated with the manager’s program, and the program is, in fact, associated with the manager’s program for the given interval.

**Attempt to associate a duplicated outcome with a program**

Given a program manager for program x has the prefix text and the identifier of an existing outcome that is already associated with program x  
When the manager requests to associate the identified outcome with program x  
Then a message is displayed that the identified outcome is already associated with the manger’s program and that nothing is changed. In addition, no changes are made to the database.

### **Attempt to associate an unknown outcome with a program**

Given a program manager for program x has a prefix text and an identifier that does not identify an outcome

When the manager requests to associate the identified outcome with their program

Then a message stating “Outcome” inputted prefix text, inputted identifier, “ does not identify an outcome, so no association is made” is displayed, and no changes are made to the database.

### **Unsuccessfully associate an outcome with a program**

Given a program manager for program x has a prefix text and an identifier

When the manager requests to associate the identified outcome with their program and there is an internal error

Then an error message is displayed, apologizing that no action has occurred, and telling the nature of the error (can’t connect to the database, insufficient privileges to access the database, server error, front-end error) and no changes were made.

### Disassociate outcome

As a program manager I want to be able to disassociate an outcome from the program that I manage so that the outcome will no longer appear in the list of items the program needs to assess, however, if the program already contains assessment data for this outcome that data will still appear in reports generated about the past.

### Update program outcome

As a program manager I want to be able to update an outcome that is only associated with the program that I manage, in case that outcome was entered incorrectly. I want the updates to appear in all reports generated in the past.

## Outcomes- super user

### Remove outcome

As a super user I want to be able to remove an outcome that is not associated with a program from the system in case that outcome was entered incorrectly.

### Expire outcome

As a super user I want to be able to indicate that an outcome that is no longer associated with any program is no longer active in the system so that the outcome may still appear in reports generated for an early semester interval, but will not appear in the current set of outcomes.

### Update outcome

As a super user I want to be able to update any outcome in case an outcome was entered incorrectly and is now associated with multiple programs. I do not want to allow program managers to update outcomes that are used in multiple programs.

## Medium Priority

All of the same user stories given for outcomes, but these will be for courses.

Example:

Courses in program

As any user interested in a program I want to be able to see the current courses of that program, and not the courses of other programs, so that I can easily learn what courses the program offers.

## Low Priority

Remove prefix

As a super user I want to be able to remove outcome prefixes that are not associated with any outcome from the system so that the system will not be cluttered with prefixes that we have decided not to use.

Remove subject

As a super user I want to be able to remove course subjects that are not associated with any course from the system so that the system will not be cluttered with subjects that we have decided not to use.

## Old Material

\*\*\*\*\* Old material \*\*\*\*\*

## User stories for the public

As a member of the public I want to be able to see a list of all the semester names in the system to learn the time period for which system data exists.

## Semesters

As a *super user, program administrator or program semester administrator* I want to be able to generate the next semester in the system so that the system can track data for a new semester. I want the semester to be generated in such a way that it doesn't need to be edited or deleted.

## Programs

As a *super user* I want to be able to add and update programs in the system so that program administrators can do their work. I want to be able to associate a semester with the program, representing when that program began in the system.

As a *super user* I want to be able to remove programs in the system that do not have any courses or outcomes associated with so that programs accidentally added to the system can be removed.

As a *super user* I want to be able to make a program no longer active in the system so that program names, filtered by a semester interval will not appear if the program is not active during that entire interval.

## Users

As a *super user, program administrator or program semester administrator* I want to be able to add and update the information associated with a user in the system so that those users can interact with the system. I want to be able to associate a semester with the user, representing when that user became active in the system.

As a *super user, program administrator or program semester administrator* I want to be able to remove users in the system that do not any permissions associated with them so that users accidentally added to the system can be removed.

As a *super user, program administrator or program semester administrator* I want to be able to make a user no longer active in the system so that user names, filtered by a semester interval will not appear if the user is not active during that entire interval. (Is this needed?)

## Courses

As a *super user or program administrator* I want to be able to add and update courses in the system so that these courses can be added to programs, be mapped to outcomes and have offerings. I want to be able to associate a semester with the course, representing when that program began in the system.

As a *super user or program administrator* I want to be able to remove a course in the system that does not have any offerings associated with it so that associations which were accidentally added to the system can be removed.

As a *super user* or *program administrator* I want to be able to make a course no longer active in the system so that courses filtered by a semester interval will not appear if the course is not active during that entire interval.

## Course-Program Association

As a *super user* or *program administrator* I want to be able to associate a course with a program so that, for that program, the course can be associated with outcomes and offerings. I want to be able to associate a semester with the course/program association, representing when that course became associated with the program.

As a super user or program administrator I want to be able to disassociate a course with a program so that the course no longer appears on a list of courses filtered by program.

As a super user or program administrator I want to be able to remove associations between a course and a program, if the course doesn't not have any offerings associated with it because the course/program association may have been added to the system accidentally.

As a web service developer, I need to know if a given person has permission to change a course so that I can enable changes to courses.