

11:00	Review last meeting <ul style="list-style-type: none"><li>• Comments/suggestions on analysis of last meeting?</li><li>• Data requirements</li><li>• Prioritization of requirements</li><li>• Associate and describe metric</li><li>• Score metric use case</li><li>• Proposal - support for development</li></ul>	Diedrich Brush
11:10	Activity diagram <ul style="list-style-type: none"><li>• Metrics being independent from their associations</li></ul>	Jacob Vesco
11:20	Data model	Carson Fiechtner
11:30	Usability and Security	Kaleb Bausch
11:40	Sample user interface	Justin Bak
11:50	Thank you!	Diedrich Brush

# Review: Data Requirements

- Metric and PI names
- Data model

# Review: Prioritization of Requirements

- SOs, PIs, courses, COs and their associations can be prepopulated
- Create and Update use cases don't need to be implemented immediately

# Review: Associate and Describe Metric

It was decided that a specific metric and specific PI/CO do not need multiple associations between each other.

# Review: Score Metric Use Case

- It was requested that all changes can be previewed before submission
- Options to undo or reset changes

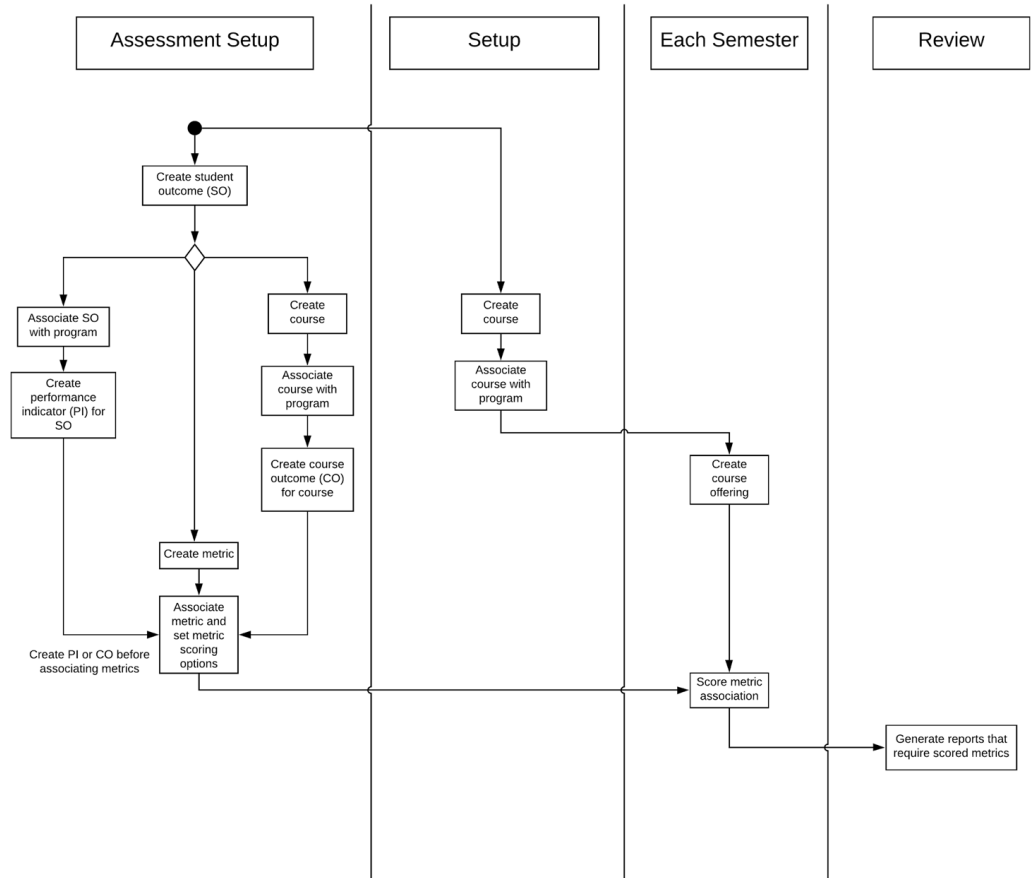
# Reminder: Support for development

- Development proposal
- Support letters
- Feedback

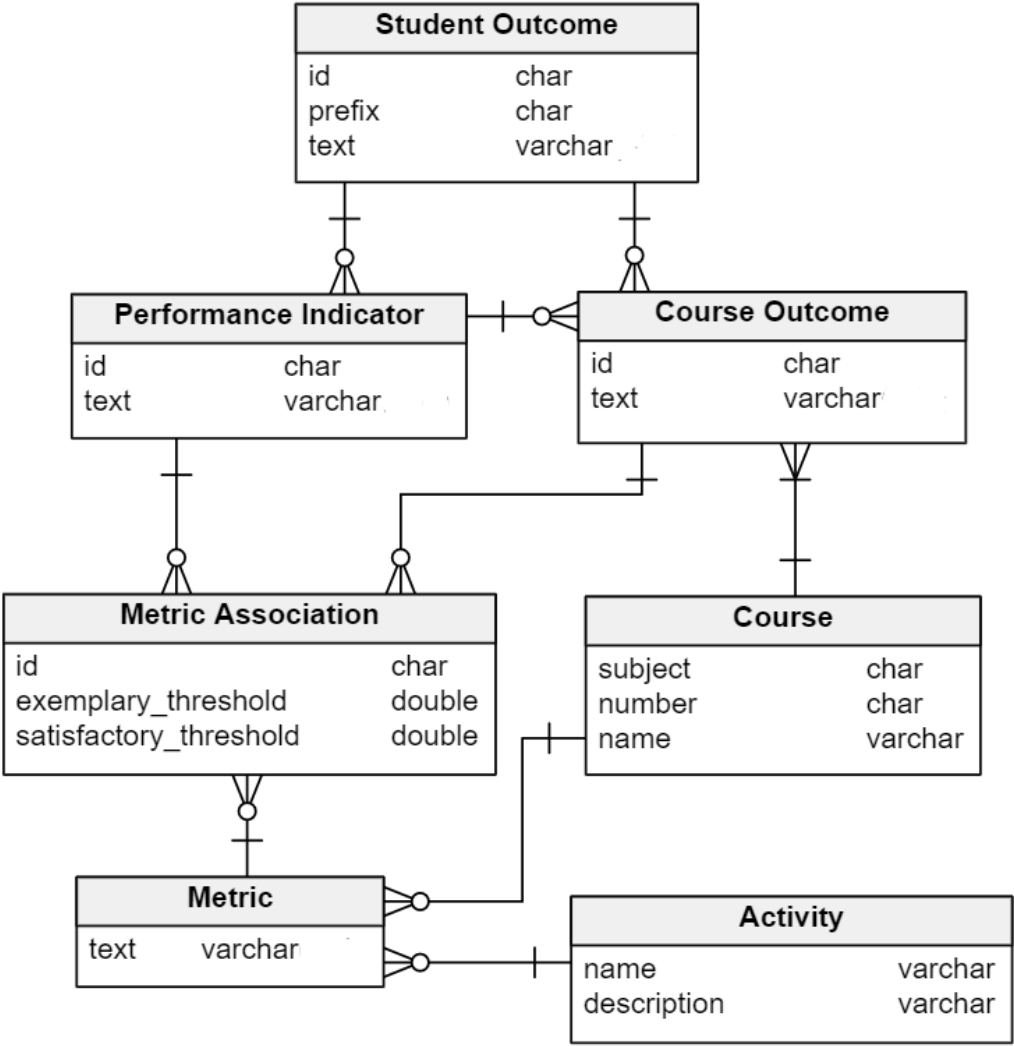
# Activity Diagram

Currently, it is assumed that metrics should be able to be created on their own, at any point, and don't need to be associated with a performance indicator or course outcome.

We would like to get confirmation on whether this is what is wanted from ACID.

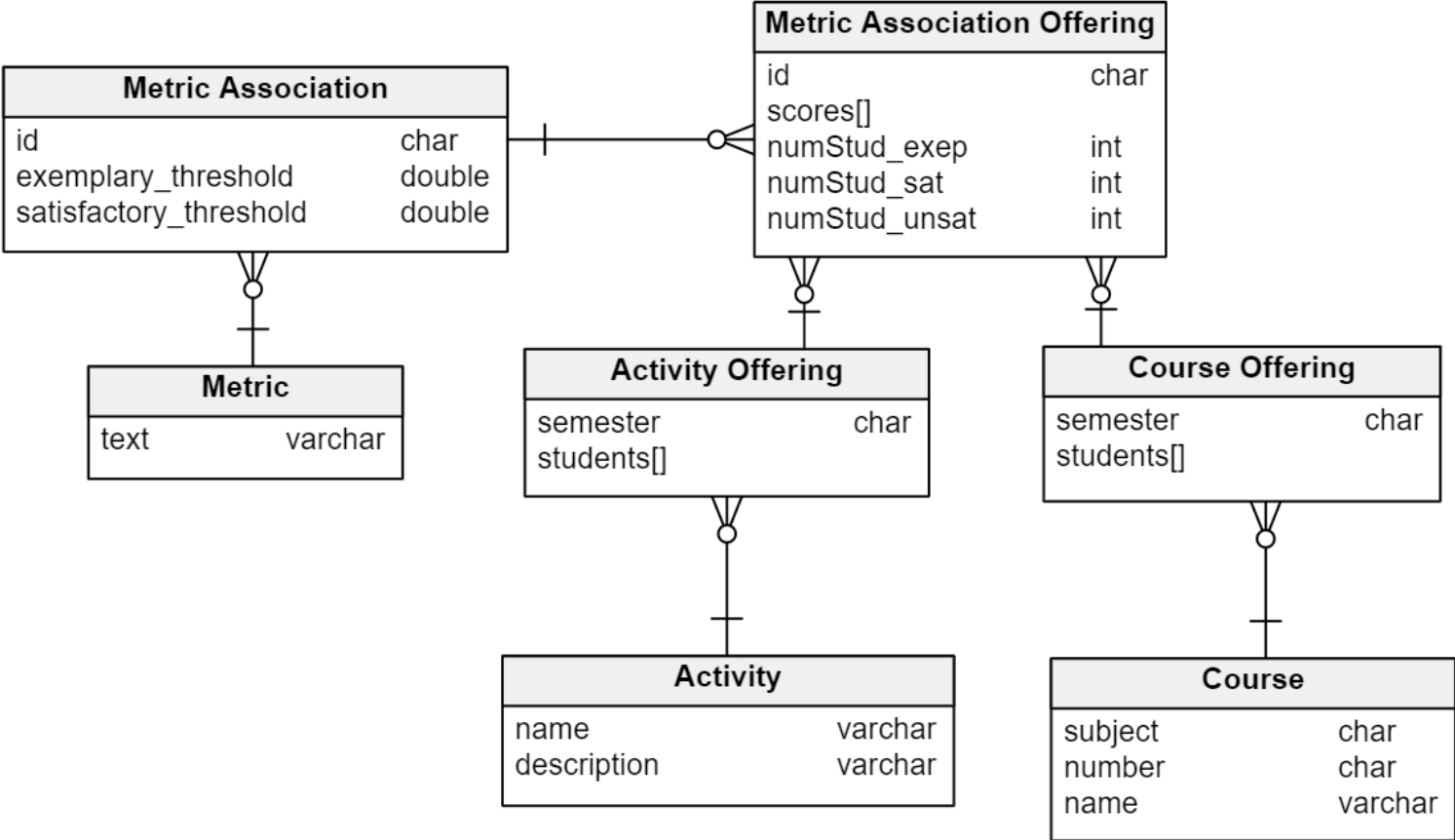


# Department Data Model





# Semester Data Model



# Usability

UB1: No faculty or staff member should spend longer than 10 minutes figuring out how to complete a task of the application. Such tasks include:

1. Generate Reports
2. Create an Item
3. Update an Item
4. Score an Item
5. Associate an Item
6. Delete an Item
7. View an Item
8. List Items

*Items are SOs, Pls, courses, and COs*

# Usability cont.

UB2: A faculty member at Montana Tech who:

- has experience with the ABET accreditation process
- has NOT created an item on ACID before

should be able to figure out how to complete a task of the application in under 3 minutes. Such tasks include:

1. Generate Reports
2. Create an Item
3. Update an Item
4. Score an Item
5. Associate an Item
6. Delete an Item
7. View an Item
8. List Items

*Items are SOs, Pls, courses, and COs*

# Usability Suggestions

- Uniform flow

# Security

SC1: ACID must comply with the FERPA regulations that are current at the time that it is released. The system must also be updated to remain current with these regulations.

SC2: The system will only be accessible to faculty and staff members within the ACID system or a guest login.

SC3: The system will sanitize any input given by a user to prevent XSS and SQL Injection attacks.

SC4: No users of the system ACID, aside from a user who is logged in and a registered user with permissions, shall be allowed to freely peruse student and class information.

# Security Suggestions

- Audit log updates when system is accessed (who, when, IP address)
- Audit trail for transformations (who, what, time & date)
- Purge old data (how long should data be kept?)

# Sample User Interface

Transfer host to Justin