"UofT Indy" Website:

An online community for students, by students.

Team #12: Raissa Amuruz, Kaan Kanatli, Doruk Kasimoglu, Nada Al Aker, Jina Yazdanpanah, Ramadan Qaoud, and Mohammed Khater

MIE 350 Final Design
December 4, 2020

"UofT Indy" Presentation Outline

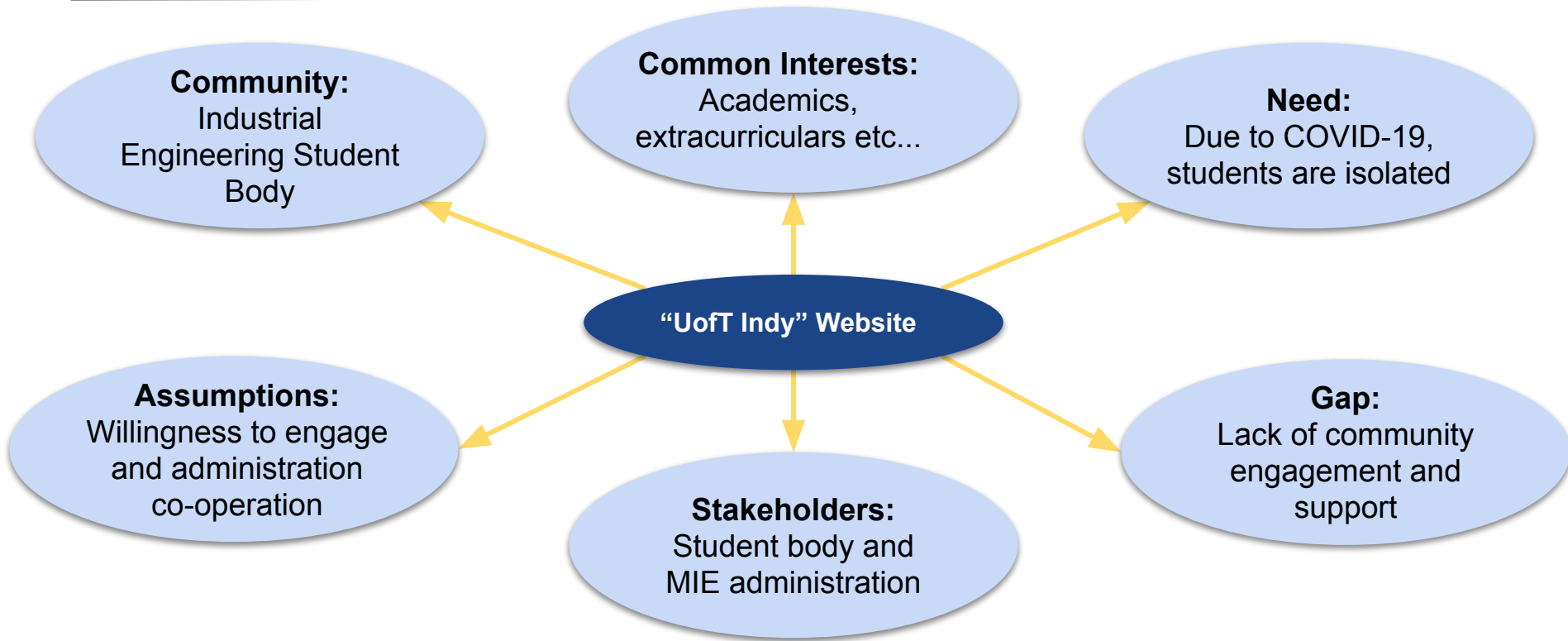| 1. Overview of Web Application | 2. Design Requirements | 3. Design Principles | 4. Website Highlights | 5. Reflections and Conclusion |

Project Objective:

"Create a web application to support, engage and maintain the Industrial Engineering community within the University of Toronto"

Contextual Overview

Community: Industrial Engineering Student Body

Common Interests: Academics, extracurriculars etc...

Need: Due to COVID-19, students are isolated

"UofT Indy" Website

Assumptions: Willingness to engage and administration co-operation

Stakeholders: Student body and MIE administration

Gap: Lack of community engagement and support

Structural Overview

Functional Requirements

Web Page Requirements:

- **Sign In:** In order to access the website
- **Home Page:** Project & website description
- **Courses Page:** Course description & resources.
- **Search Bar**: Search any website content.
- **Communities:** Categories of discussion posts comprised of threads & replies
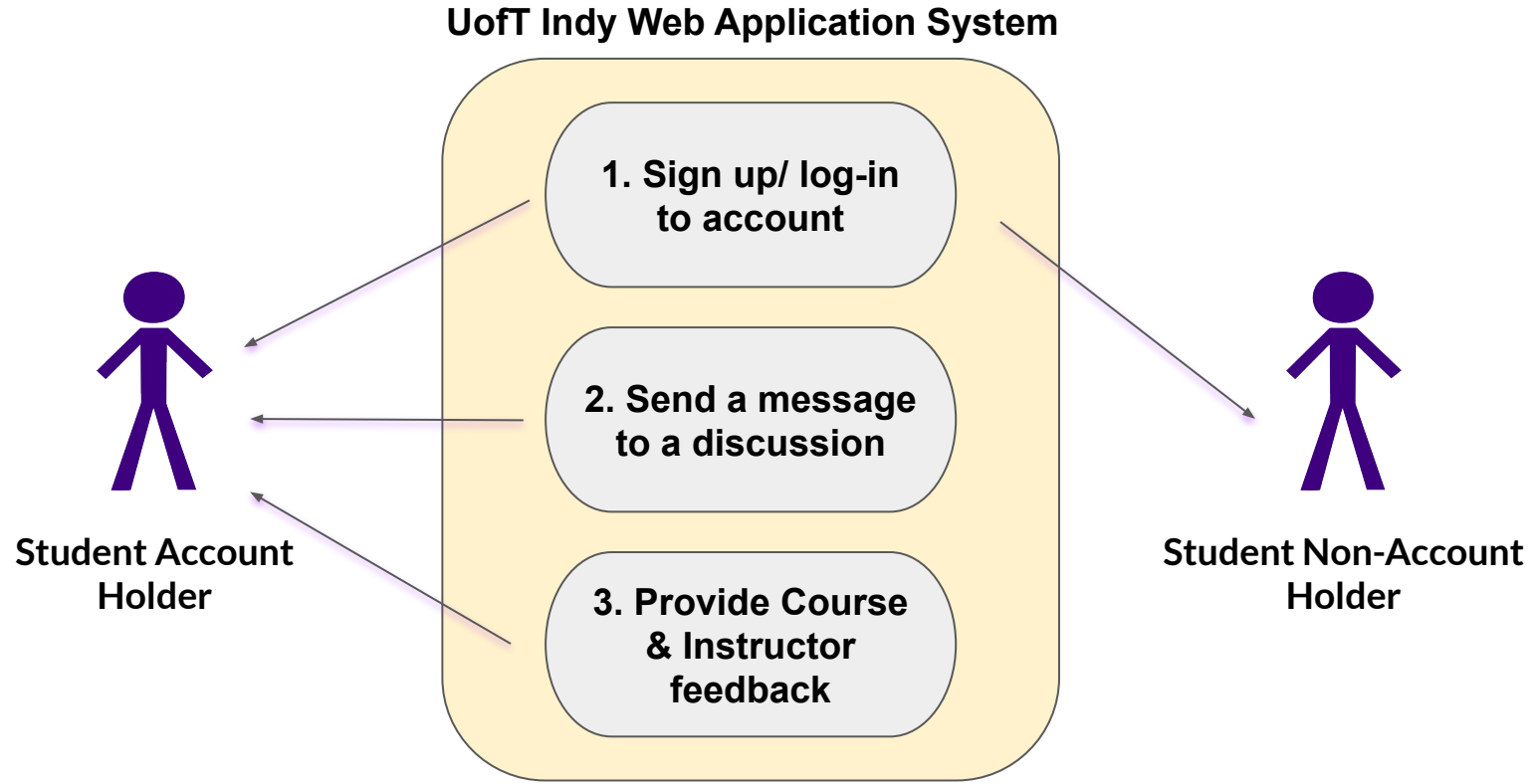
Primary User Requirements:

- Access to the sign-up page
- Access to view/reply to discussion boards
- Access to Courses and Professor reviews
- Use of the Search Bar
- **Authenticated Account Access**

  (sign-up, login, logout)

Non-Functional Requirements

Requirement	Description
Operational	The system should work on any Web Browser
Performance	The system should be available for use 24/7
	The system should support 600 users simultaneously
	Monthly website maintenance should be conducted by developers/admins
Security	No user can access to edit other users information
	Personal information of each user is protected
	Authenticated sessions

Design Principles: UML Use Case Diagram

UofT Indy Web Application System

1. Sign up/ log-in to account

2. Send a message to a discussion

3. Provide Course & Instructor feedback

Student Account Holder

Student Non-Account Holder

Design Principles: UML Class Diagram
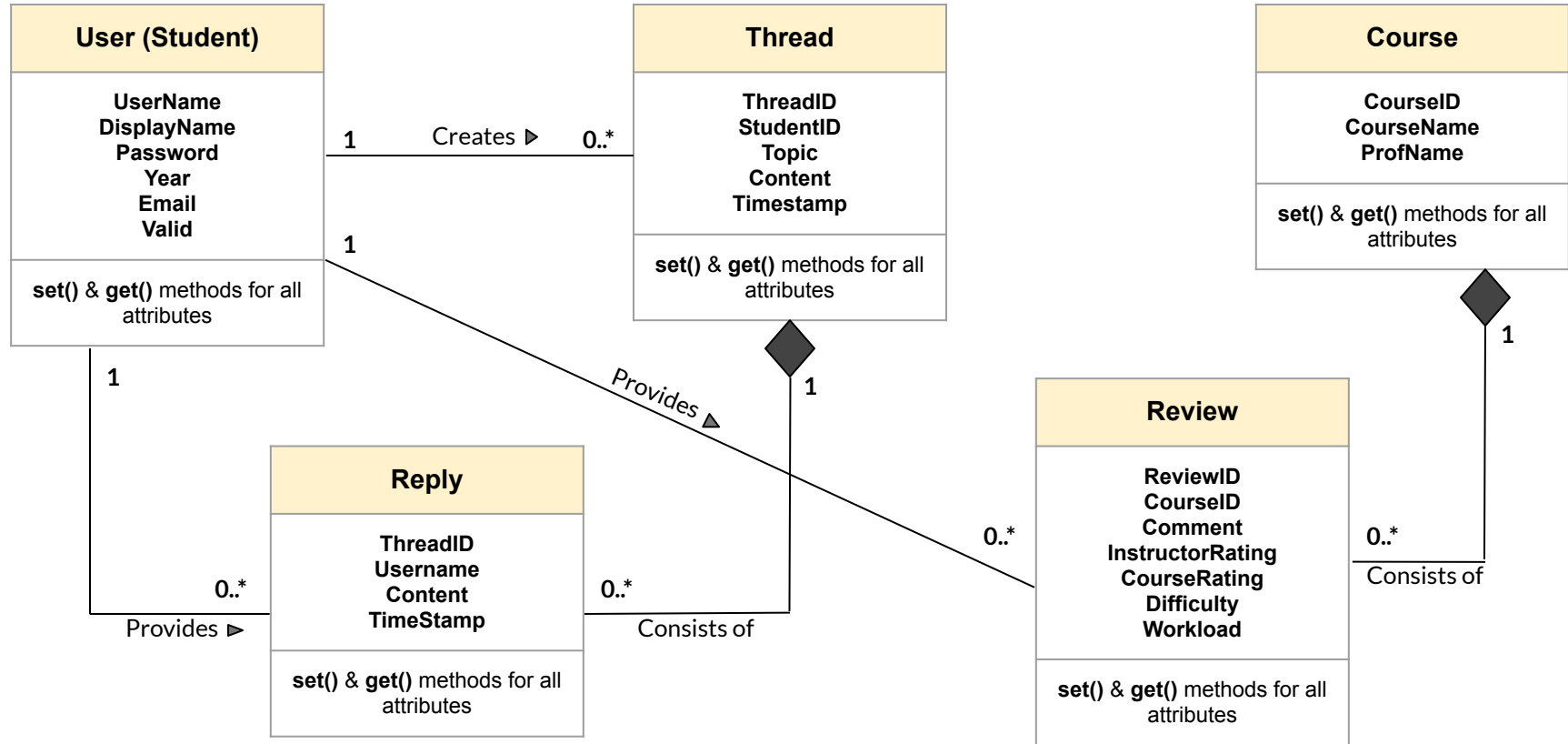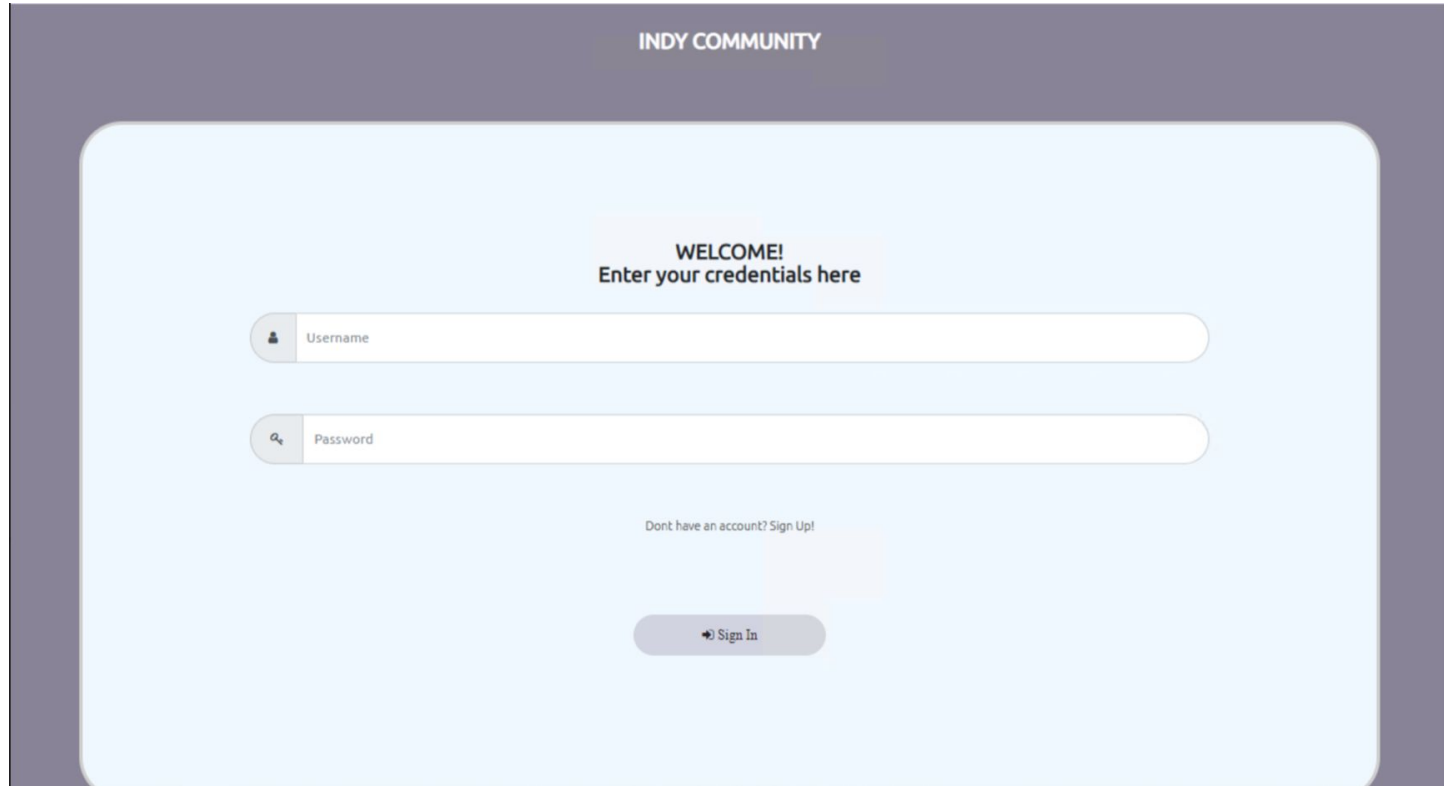
Design Principles: UML Class Diagram

Website Highlights: Log In

Website Highlights: Sign Up

Website Highlights: Sign Up

Accessibility Icons

Website Highlights:Navigation Bar

Home Page

View and Interact with Communities

Search Bar and Logout button

View Details of Courses

Browse Course Reviews

Website Highlights: Courses

Website Highlights: Courses
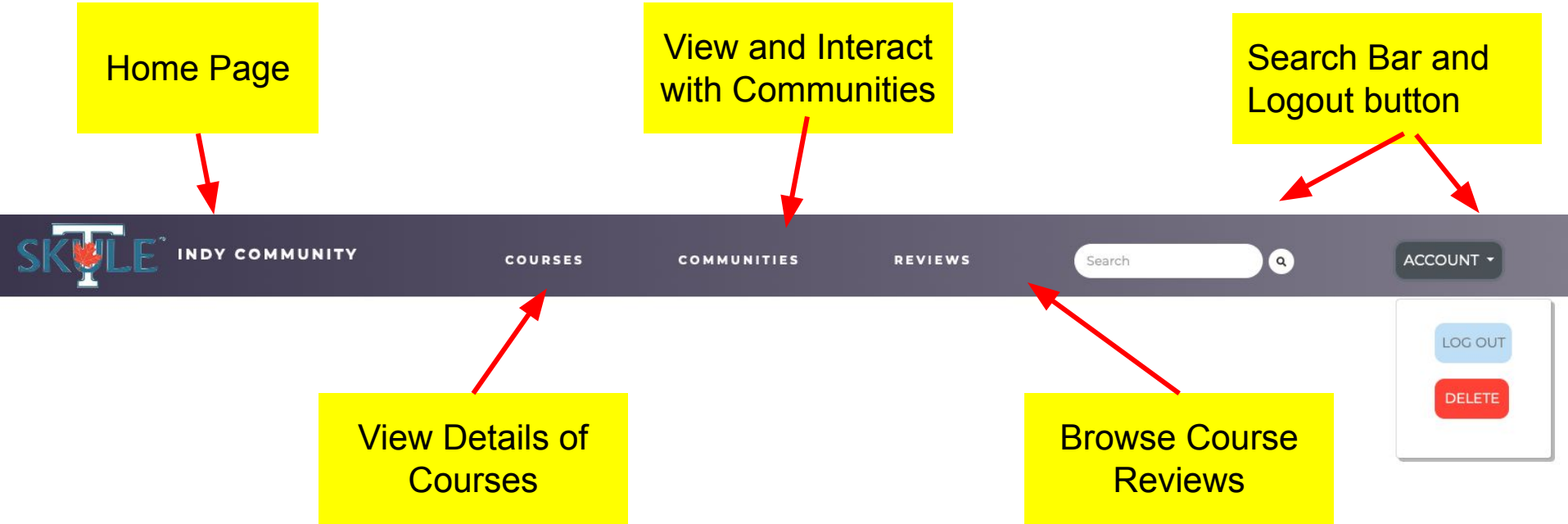
Website Highlights: Courses

Industrial Engineering Courses

First Year

APS100H1 - Orientation to Engineering

Click here for description

External Description Links

Click here for the review

Submit a Review!

Instructor Rating:
Course Code:
Course Rating:
Difficulty:
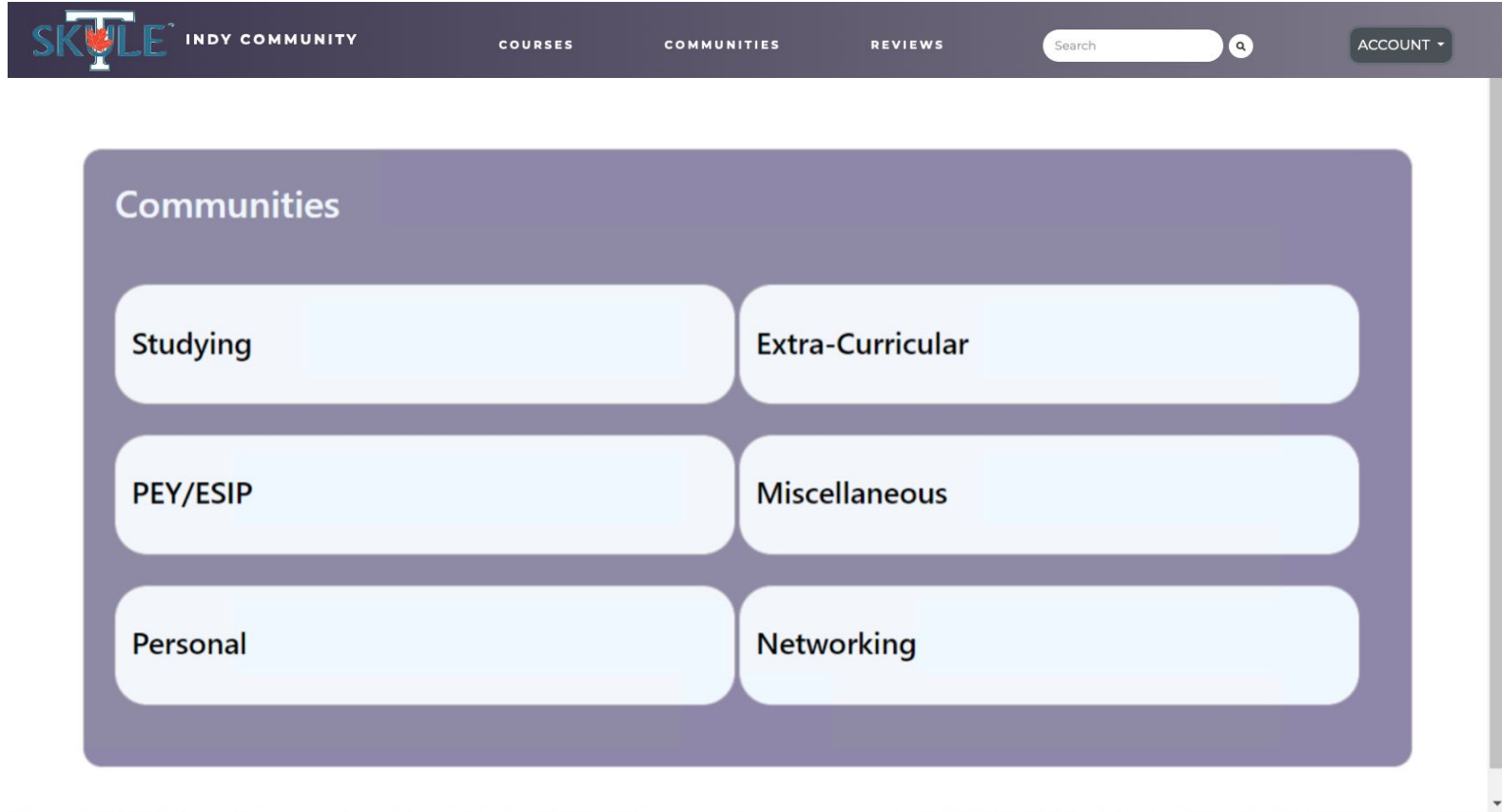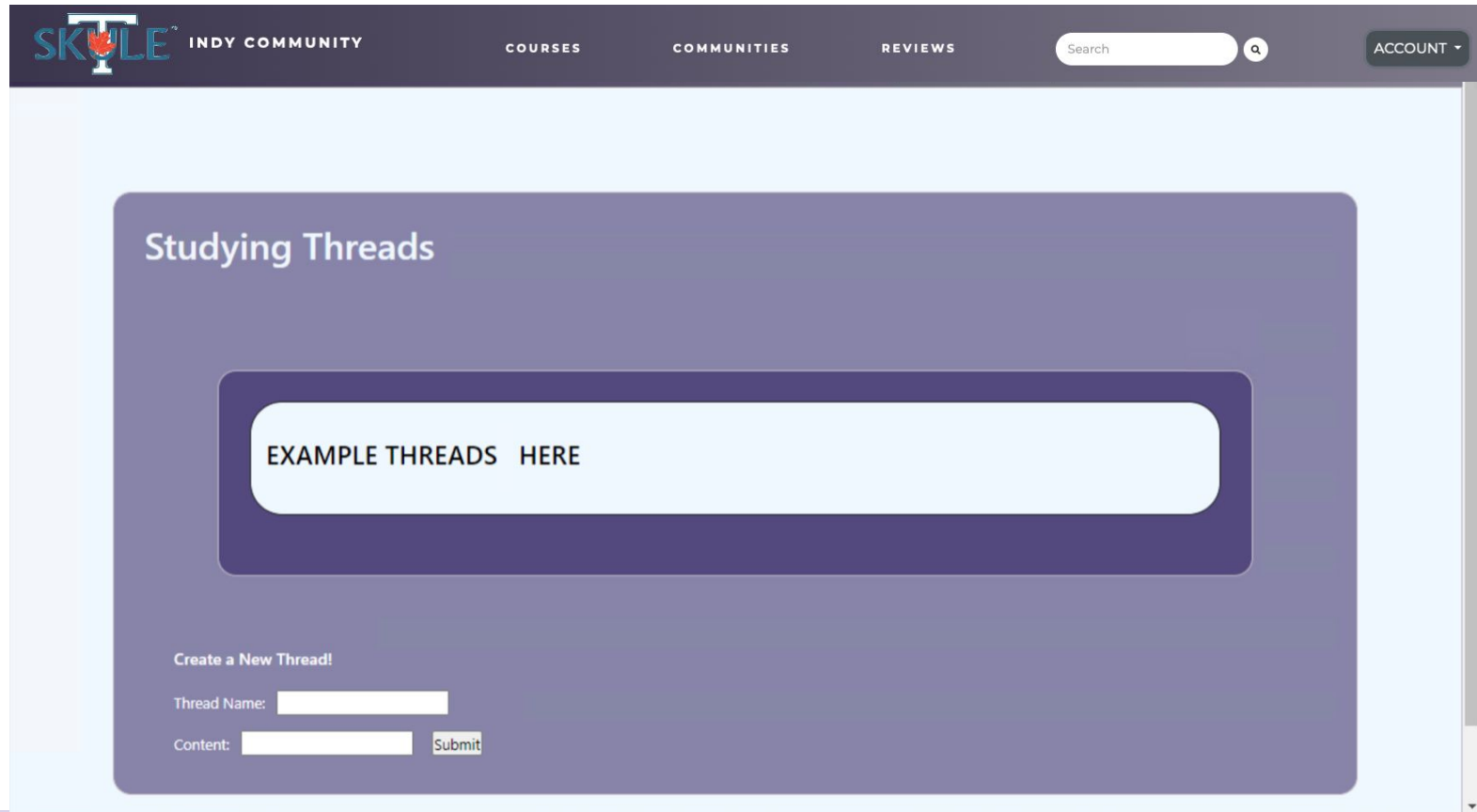Workload:
Comments: Submit

Interactive Course Review Submission

Website Highlights: Communities

Website Highlights: Communities

Website Highlights: Communities

Thread Example

This is an example thread content

Replies

This is an example thread reply

Leave a Reply

Submit

Website Highlights: Reviews

Website Highlights: Reviews

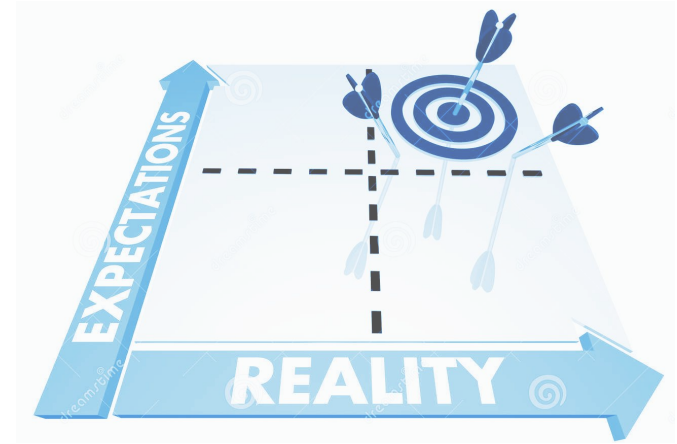
Ratings for Each Course

Website Highlights: Reviews

Difficulties & Lessons Learned

Team Management

Time Zone

Goals vs. Achievements

Conclusion and Next Steps

Strengths	Weaknesses
Functionality: Performance	**Creativity:** Design Approach
Appearance: User Interaction	**Appearance:** Color, Graphics, Layout
Navigation: Access and Ease of Use	
Content: Unique and Useful Information	