

Student Study Areas System

Planning Document

Team 6

Emma Accardi, Kimberly Bonilla, Ngoc

Phuc Khang Nguyen, Karmela Anic-Matic,

Ashley Thong, Jericho Marc Mendoza

Student Study Areas System Vision Statement

The Student Study Areas System (SSA) is designed to help York University students efficiently find the most suitable study areas on campus. The system will maintain detailed, real-time information on study spaces and provide personalized insights to enhance student academic experiences at YorkU.

Primarily aimed at York University students who need guidance in choosing their study environment, the SSA will allow students to view information on study areas, including seat availability, student ratings, cleanliness, and busyness. This information will be easily accessible, and students will be able to search for and filter specific study spots.

The system will feature a review and rating system, enabling students to write and read reviews about specific study areas. These reviews will provide insights into various amenities, such as available outlets and suitability for studying or socializing. Students will also receive personalized recommendations based on their study preferences and past ratings.

Additionally, students can view and locate study spaces on campus using a map display that marks study areas and provides detailed directions, including landmarks and indoor paths. This will help students easily find study spots close to their classes using familiar reference points.

Envisioned as a web application, the SSA will use real-time data. In the pre-release version, it will incorporate actual map data from platforms to provide accurate information on locations and details of study areas. Future versions of the system will be networked with the client to gather personal opinions and insights on study areas they have visited, further refining the accuracy of the information provided.

The SSA will be a significant improvement over current systems, which offer limited information on study areas and do not provide personalized recommendations based on user's preferences. The SSA will help students efficiently locate study areas that meet their preferences, reducing the time spent deciding where to go. By combining data on study areas and student preferences, the system will substantially benefit students' academic experiences, saving time and optimizing their study or socializing time.

The system's success will be evaluated based on two main criteria: adoption rates and user satisfaction. This will be measured by the number of active users and the volume of ratings and reviews. Additionally, positive feedback from the client and general student users will further validate the system's effectiveness.

User Story Map

Big User Stories Outline, Iteration 1:

Find study spaces on campus	
As a student, I want to be able to find possible study spaces available on campus.	
Priority: High	Cost: 2 weeks

View study space information	
As a student, I want to be able to view real-time information regarding specific study spaces.	
Priority: High	Cost: 2 weeks

Rate and read reviews of study spaces	
As a student, I want to be able to rate the study spaces and know what my classmates are thinking about them.	
Priority: High	Cost: 2 weeks

Detailed User Stories Outline, Iteration 1:

Map display	
View a map of the entire campus with specific study places marked on it by pins.	
Priority: High	Cost: X day
Big Story: Find study spaces on campus	Team Member:

Specific study place directions	
Get detailed directions, including landmarks and indoor paths, to specific study places.	
Priority: High	Cost: 1 day
Big Story: Find study spaces on campus	Team Member:

Narrow down search area	
Narrow down the study space search areas on the map.	
Priority: Low	Cost: 1 day

Big Story: Find study spaces on campus	Team Member:
---	--------------

Display study area amenities	
View study areas' basic amenities, including charging outlets, cleanliness, and accessibility.	
Priority: Medium	Cost: 1 day
Big Story: View study space information	Team Member:

Display busyness of study areas	
Determine how busy each area on campus is.	
Priority: Medium	Cost: 2 day
Big Story: View study space information	Team Member:

Write and display study space ratings	
Allow students to write their ratings about specific study spaces and view other students' ratings.	
Priority: Medium	Cost: 2 days
Big Story: Rate and read reviews of study spaces	Team Member:

Release 0

Customer Meeting Summary:

Date: **Wednesday, January 22, 2025**

Customer: **Nica Riccardi (Urban Planning Student @York University)**

Length: **20 Minutes**

Discussion: [Interview 1: Base Discussion with Customer](#)

Big User Stories:

View Study Space Information

As a student, I want to be able to view real-time information regarding specific study spaces.

Priority: High

Cost: 2 Weeks

Find Study Spaces on Campus

As a student, I want to be able to find possible study spaces available on campus.

Priority: High

Cost: 2 Weeks

Rate and Read Reviews of Study Spaces

As a student, I want to be able to rate the study spaces and know what my classmates are thinking about them.

Priority: High

Cost: 2 Weeks

Detailed User Stories

Narrow Down Search Area

Narrow down the space search areas on the map.

Priority: Low

Cost: 1 day

Specific Study Place Directions

Get detailed directions, including landmarks and indoor paths, to specific study places.

Priority: High

Cost: 1 day

Map Display

View a map of the entire campus with specific study places marked on it by pins.

Priority: High

Cost: X day

Write and Display Study Space Ratings

Allow students to write their ratings about specific study spaces and view other students' ratings.

Priority: Medium

Cost: 2 days

Display Busyness of Study Areas

Determine how busy each area on Campus is.

Priority: Medium

Cost: 2 days

Display Study Area Amenities

View study areas' basic amenities, including charging outlets, cleanliness, and accessibility.

Priority: Medium

Cost: 1 day