

Project-Based Learning in IT Skill Development

Contents

The Problem

Most IT courses are taught from the books and not taught in a way for students to identify the problem

and professors use the pedagogical approach

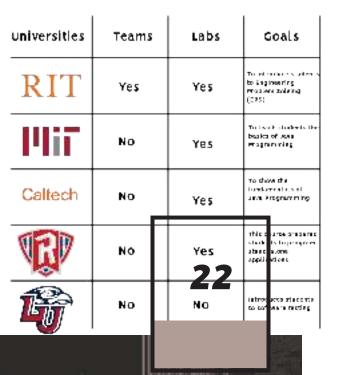
Research Plan

The Solution

To have students

It's a website that will tackle a little bit on how traditional learning with IT Skill





Competitive Analysis

Comparison/Contrast of universities

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Content Strategy

My target audience

are professors and

Task Analysis

Process of website

students.



Infographic

Project-Based Learning Infographic

User Flow

The steps of the website



Sitemap

Breakdown of the website



Low-Fidelity Wireframe

Wireframe of the website

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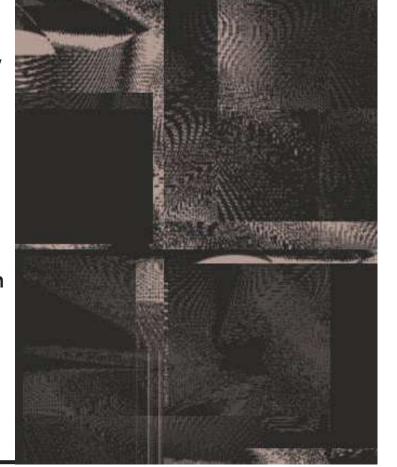
High-Fidelity Wireframe

Design of the website

Visual Design

Designs put together





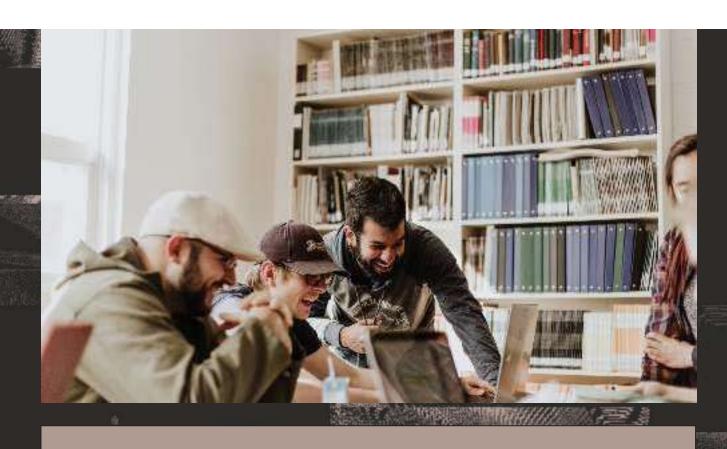




Most IT courses are taught from the books and not taught in a way for students to identify the problem, to collaborate, to design/develop a prototype, and to get feedback.







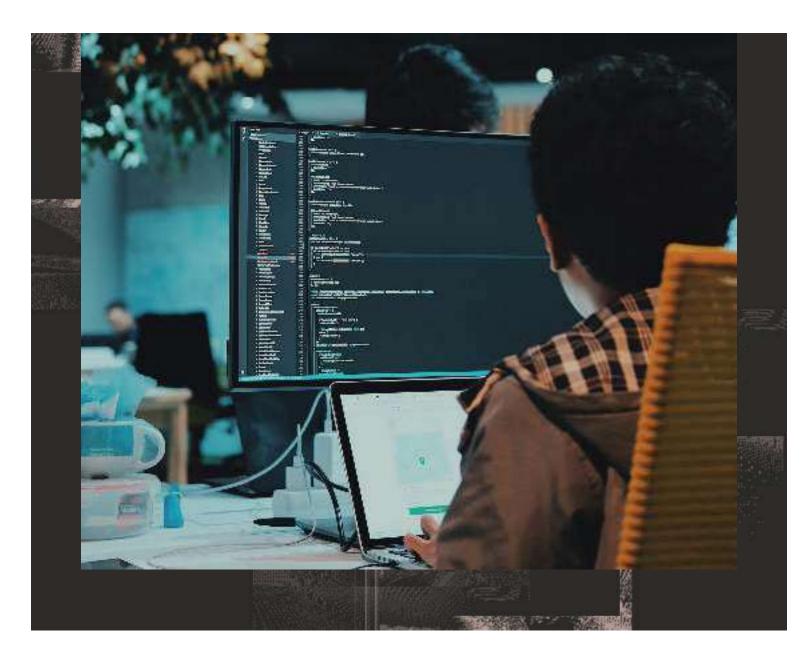
To have students and professors use the pedagogical approach as in interactions between students and professors where professors can have students to define the problem, generate ideas, prototype solutions, and test to where they can use project-based learning in a classroom setting.

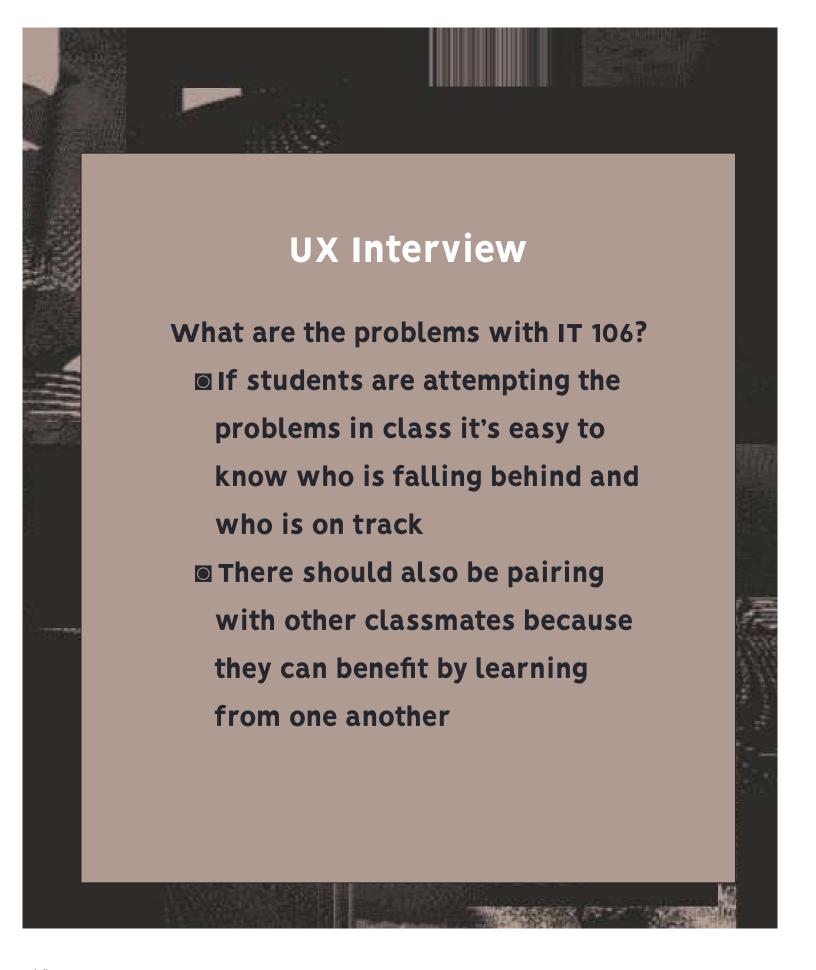


It's a website that will tackle a little bit on how traditional learning with IT Skill Development doesn't engage with every learning style and how Project-Based Learning help focus on kinesthetic (learning by carrying out physical activities), linguistic (learning by speaking), auditory (learning by listening), and visual (learning by seeing).

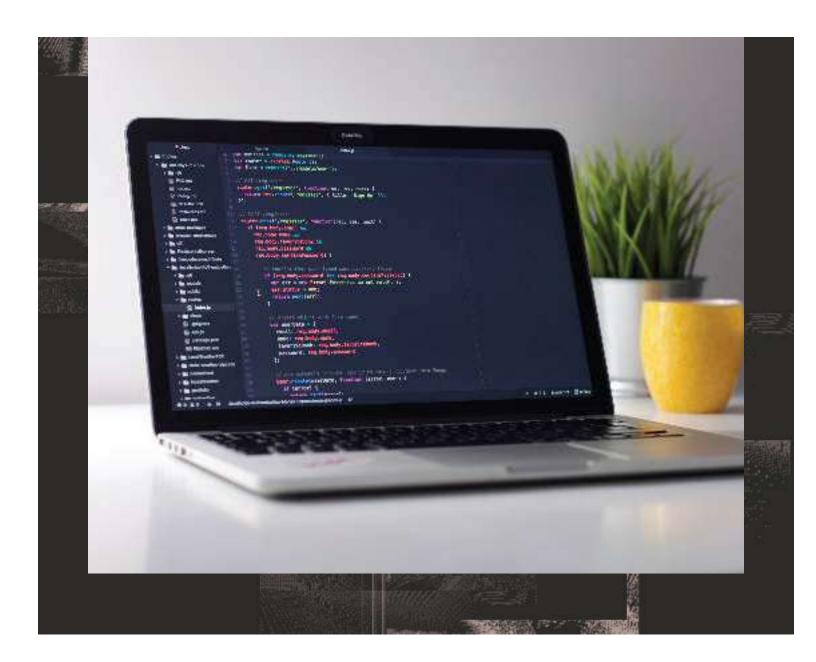




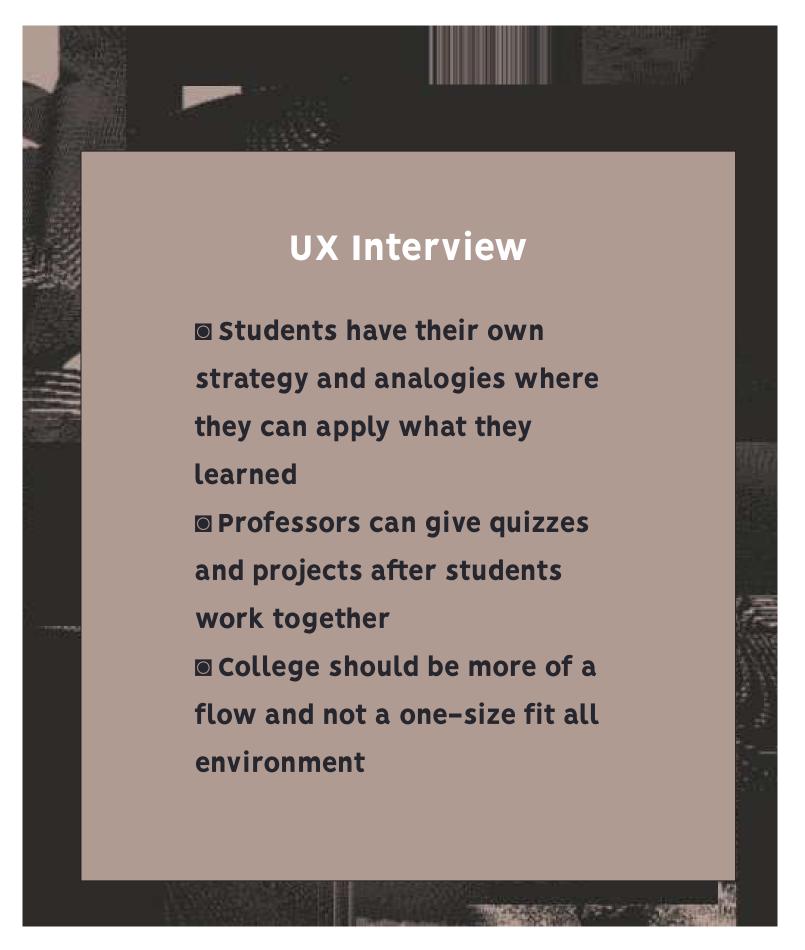








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Alex Mbaziira
Married
Assistant Professor at Marymount University
Fairfax. VA

Frustrations

student Stress

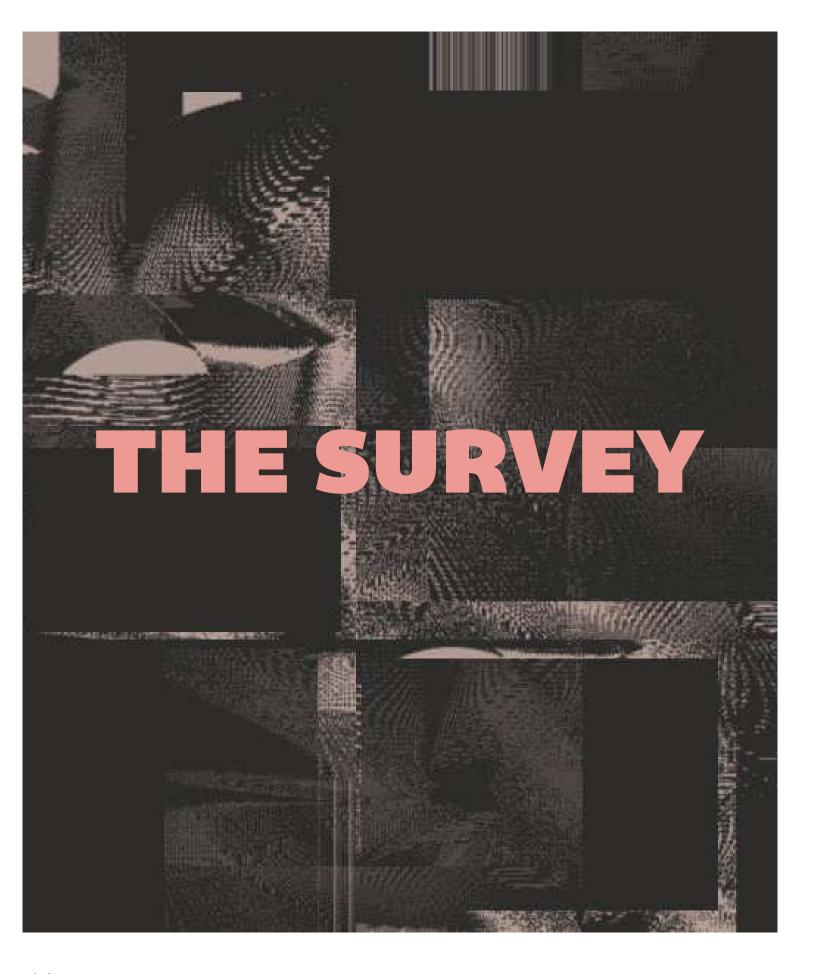
High fail rate in the IT department

□ One-size fits all

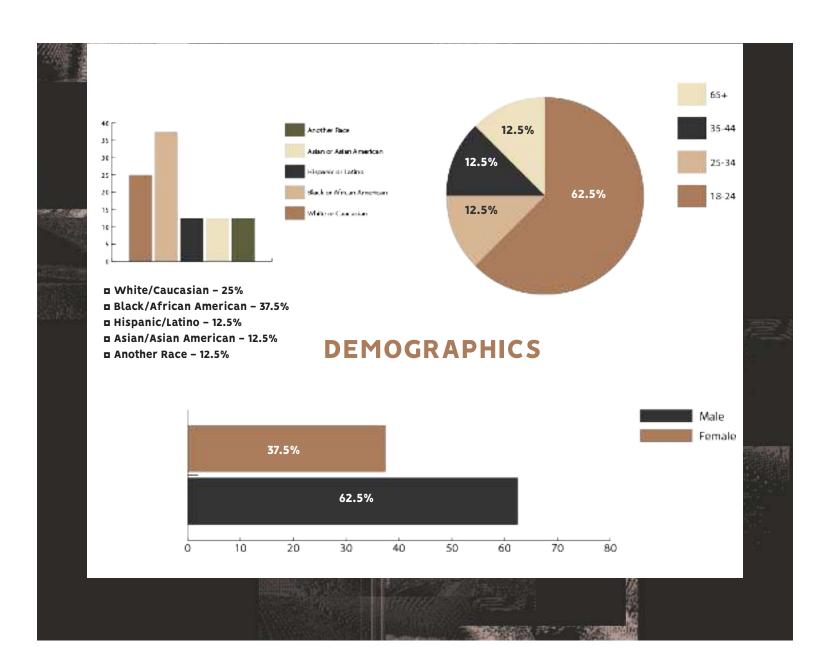
Alex is an Assistant Professor at Marymount University. He is also a professor at George Mason University. Alex is researching in the following areas: cyber threat analysis, cybercrime, natural language processing, applied machine learning, and deception-detection. His way of teaching encouraged me to declare a minor in graphic design (then I later changed it to web design). I realized that his method of teaching helped me understand the fundamentals of web design. I've known Alex for a couple of years. He was my lab professor at the **Volgenau School of Engineering here at** Mason for Multimedia and Web Design.

Goals

- **□** Upbeat Hard Worker
- **D** Career Driven
- **Likes** to see students succeed
- **Encourager**
- **m** Motivator

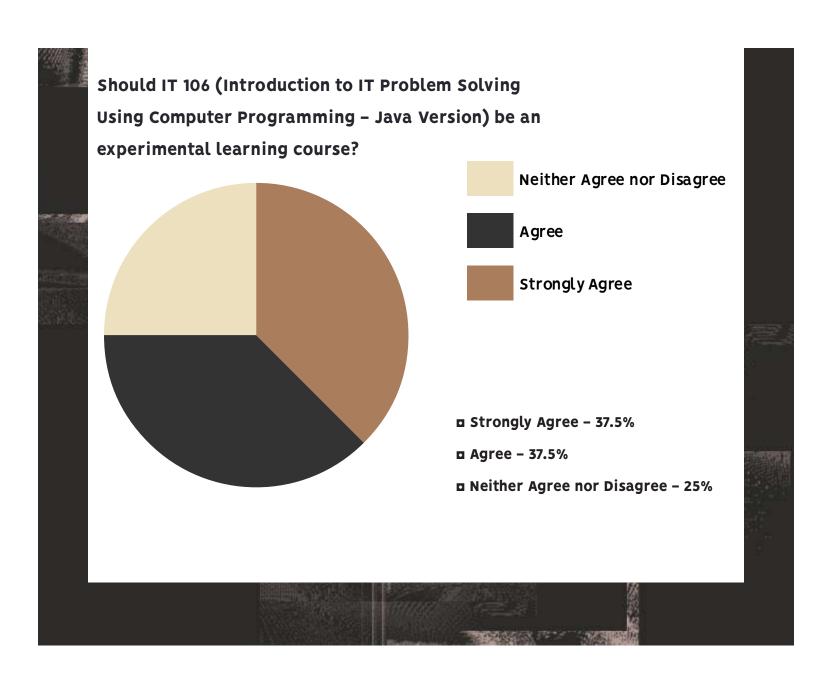


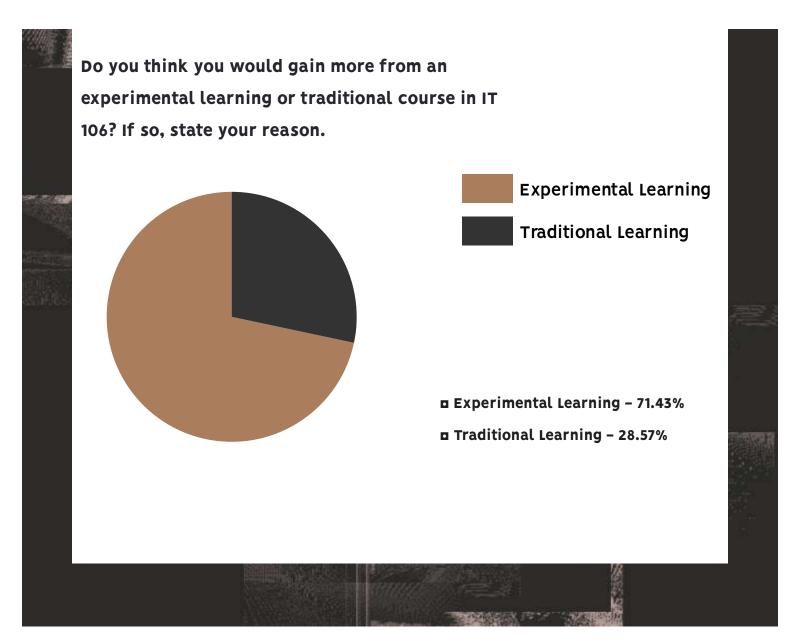


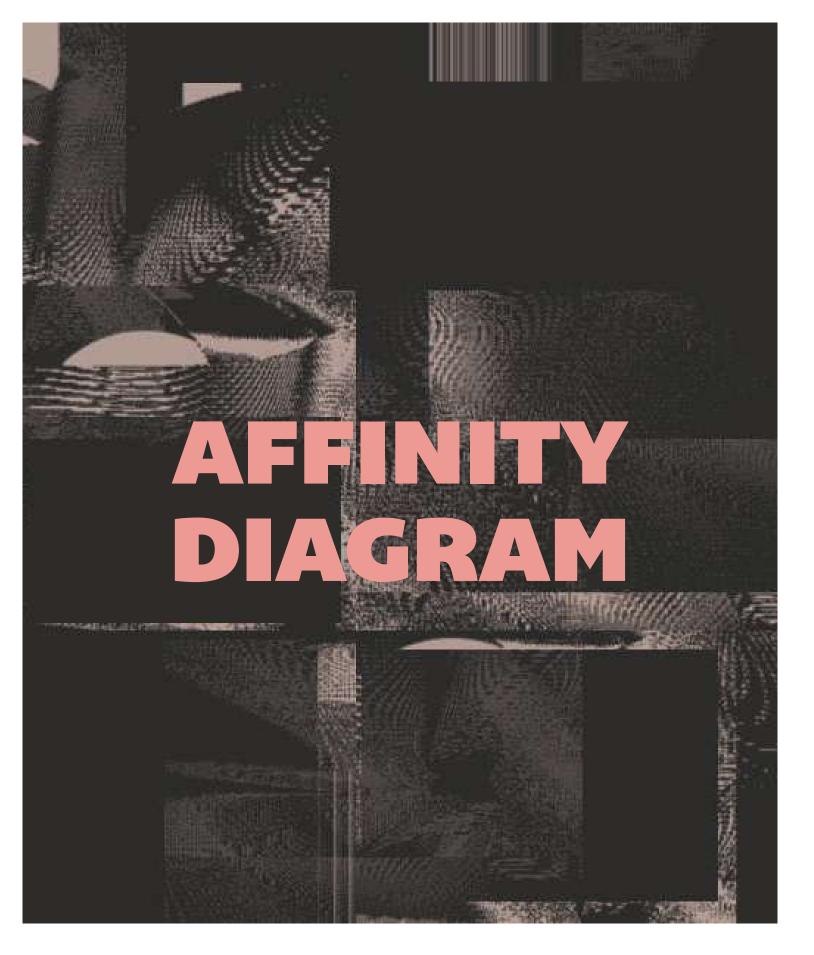


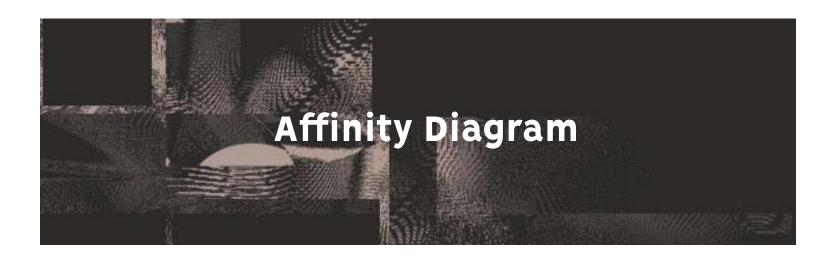


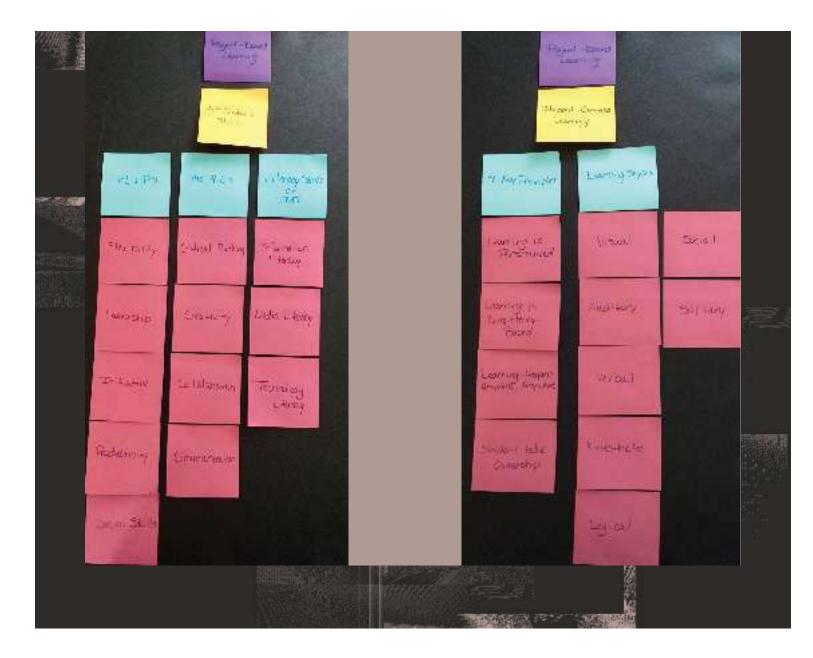






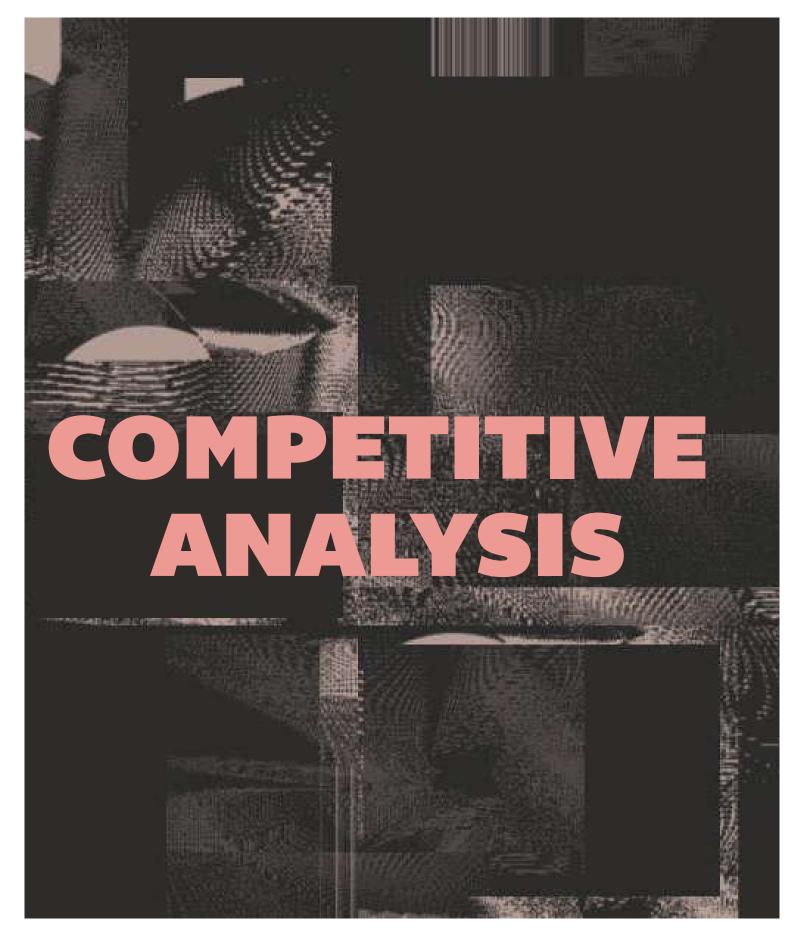




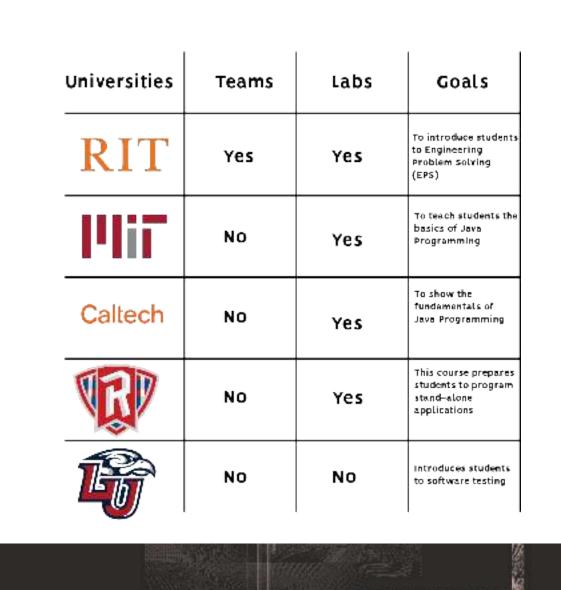


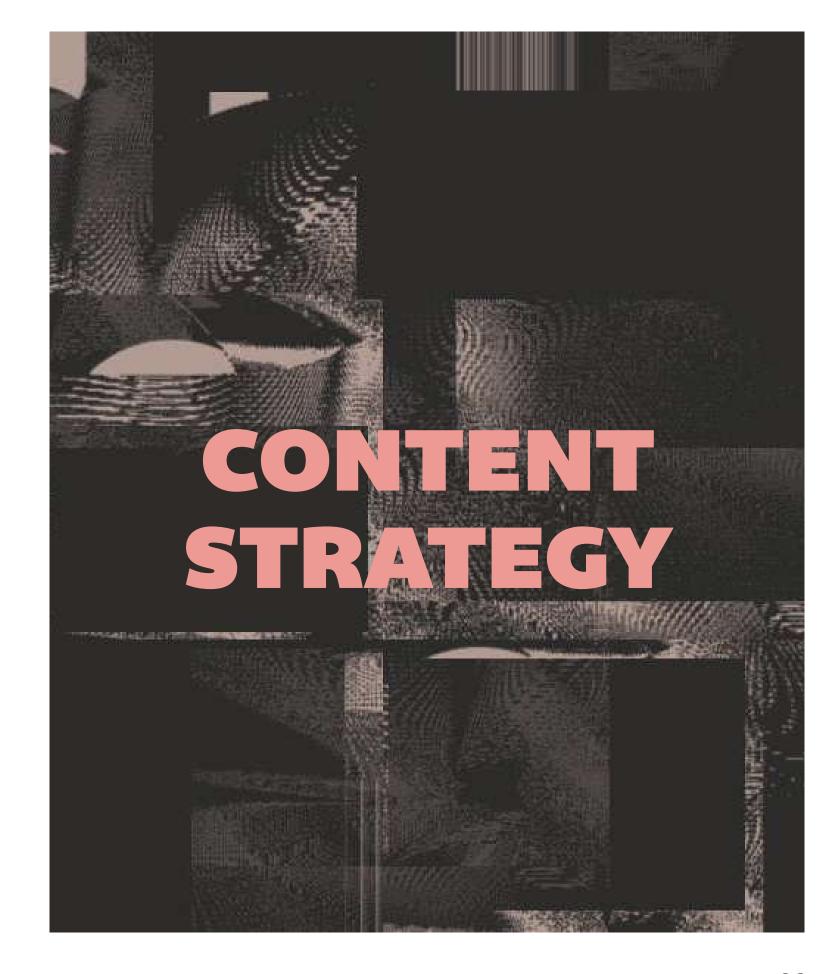






Competitive Analysis









University.

