Requirements Analysis

Team BDI

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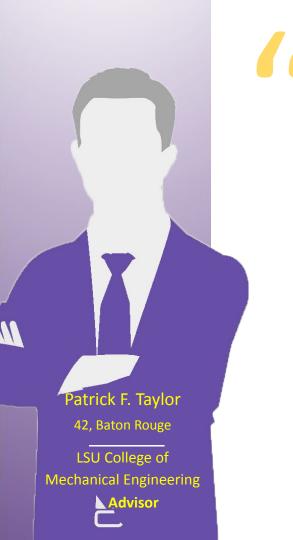Katherine Perez

Method

- Interviews
  - 3-4 Participants Per Team Member
- Asked target user's several questions, primarily:
  - How they use the system, their course scheduling process
  - What they hated?
  - What they liked?
  - What they would change?
  - What they wanted out of this interaction
- Noted user responses in a document

Requirements

1. As a **user**, I want to be able to **search and filter** so that I can **more easily locate specific** information (courses, professors, hours, etc…)

2. As a **user**, I want an **uncluttered interface** so that I can **easily navigate the site**

3. As a **student**, I want to be able to **schedule from the booklet** so that I **do not need go back and forth between two windows**

4. As a **user**, I want to be able to **access all necessary information to determine if I can and want to take a course from the booklet** so that I **do not need to scour through multiple resources**

5. As a **user**, I want to be able to **view the wait-list from the booklet** so that can determine if **I can afford to wait without putting my fiances on the line**
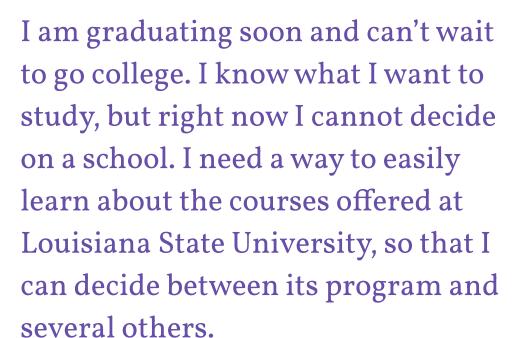
"

I am a student at Louisiana State University. I have no idea what classes I want to take for the upcoming semester. I don't even know what classes I can even take. I need to figure out this information so that I can make a well-informed decision to properly advance my college career/degree.

"

Mike T. Tiger

19, Baton Rouge

LSU College of Biological Sciences

Sophomore

"I advise students in the LSU College of Mechanical Engineering. Every semester students come to me needing help figuring out their scheduling issues. As an advisor, it is my job to ensure that each student takes the correct classes, at the correct times, to make sure they meet their target graduation date."

Patrick F. Taylor

42, Baton Rouge

LSU College of
Mechanical Engineering

Advisor

Rusty D. Mc'Interface

17, Houston

Pursuing Chemical Engineering

Prospective Student

"I am graduating soon and can't wait to go college. I know what I want to study, but right now I cannot decide on a school. I need a way to easily learn about the courses offered at Louisiana State University, so that I can decide between its program and several others."

Scenario I

- Mike **has no idea what courses** he can and and wants to take

- Mike takes to the **schedule booklet** to figure his scheduling dilemma finding it very clean, simply, uncluttered, and overall easy to navigate

- Mike is able to quickly load up all available Biology courses for the upcoming semester and is introduced to an **interactive tabl**e

- There are alot of courses but Mike heard about BIOL 2022 and wants to know more, so he **searches** for just that course

- Mike is sees some basic info, including a **waitlist count**, but wants a description and pre/co-requisites so he clicks **more information and is met with a modal with the information**

- Mike makes his decision and decides he wants to add the course, so **adds right from the booklet**

- Once added the course **appears in a modal/cart showing all his added courses**

- Mike repeats this with a few other courses before finally **submitting his added courses to be scheduled from the booklet**

Scenario II

- A **student needs help from an advisor**, Patrick, figuring out scheduling
- The **student has no idea how to use the system and find the information they need**
- Patrick introduces the student to the **scheduling booklet,**
- Patrick is **easily able to teach the student how to navigate the site**
- Patrick shows the student how to **query for departments, search/filter, and find out more information**

Questions?