

# FINAL REPORT

<u>Features Implemented</u>	<u>Future Features</u>
24-hr time support	Mobile Support/Flutter
Revamped testing suite	Add school expectation handling
More user preferences	Scrub user inputs on add school form
UI/UX changes	Desktop & SMS Push Notifications

## Known Issues

- Dev site crashing

## Project Flyer

# RosterSniper

## ***“BUT I NEED THAT CLASS!”***

We've been there. Your friends all signed up for classes as soon as registration opened, but you had one more Roblox to blox, one more Minecraft to craft, and one more YouTube to tube. Now you're stuck between a Saturday 7am and a MTWTF 6pm-10pm with none other than Doctor Payne.

***“...but what if there was another way?”***

No, not by being the responsible adult your mother hoped you would be by this point in your life. What if you could cheat the system? Consider this: **1,337%** of students will drop a class before the semester even starts. What if you had *spidey senses™* and could detect immediately when the gods give you a second chance?

Well there is a way. RosterSniper works by sending you a notification as soon as your class has an open seat. But be speedy, because you're not the only one using our website. Register, verify, and let the race to schedule redemption begin!

## Demo Video

<https://www.youtube.com/watch?v=jd1XBYnTOnM>

## Team Members



Justin  
Sandman

Team Manager  
Lead Programmer



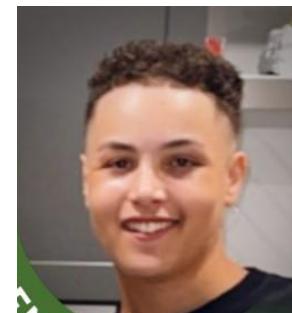
Chenanniah  
Mac-Cephas

Testing Lead  
Code Architecture



Joseph  
Kolarik

Documentation Lead  
UI/UX Designer



Ian  
Dowlakhah

Data Modeler  
Client Liaison

## Clients



Shaun Mitchell

A fellow programmer who has been working on RosterSniper for a while. He is very lax and calm with the team's progress. Furthermore, he has been a valuable asset in understanding the existing codebase.



Ryan Cosentino

Shaun's associate, and another fellow programmer working on RosterSniper.

## **Project Abstract**

As a part of our Software Development II course with Dr. Anca, our team has been working on developing a web application called RosterSniper. This application has been worked on by previous developers and our team has updated some bugs and added some new features. Now, in addition to allowing students to watch a class, get notified when a spot opens up for the class, and find empty classrooms, students can now choose to opt out of push notifications and they now have the chance to use a 24-hr time format and input specific times when looking for classes. They can also collapse and expand course tabs after searching so that only the classes they are interested in take up space on their screens.

## **Testing Coverage**

- Utilized selenium for automated system testing
  - Site works as is currently
  - Tests created
    - Back and forth between pages of site
    - Class search input and results
    - Time input in find rooms
    - Hide and show collapse cards

## **Documentation**

All current documentation is covered in the Docs-Fall2022 folder of the github repository, located here: [https://github.com/soft-eng-practicum/RosterSniper/tree/tm\\_dev/Docs-Fall2022](https://github.com/soft-eng-practicum/RosterSniper/tree/tm_dev/Docs-Fall2022)  
This includes installation steps, user setup and usage, help documents for developers, etc.

## **Usability Testing**

- Feedback
  - Add button that will allow users to hide all classes and show all classes at once
    - Let page open with all classes being collapsed and hidden
  - Check to see whether banner and 25alive are synced
    - Note: 25alive is what faculty uses to reserve rooms
    - This makes sure that rostersniper has accurate information about empty rooms

## Intellectual Property

This document is not legally binding, it is purely for a college assignment

### **Intellectual Property Agreement**

In short: this agreement determines who owns, and in what percentages, the Intellectual Property of RosterSniper.

#### **What is Intellectual Property?**

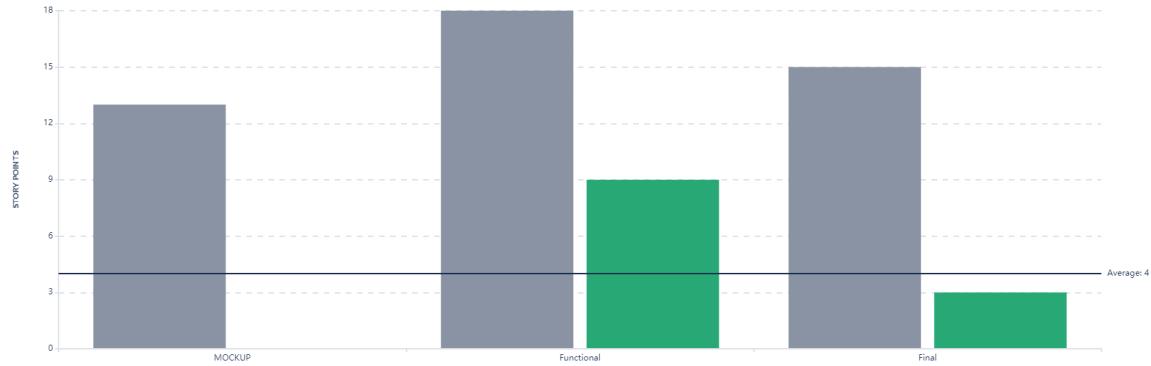
It means that we all sat down and thought hard about different ideas which, somehow, combined to result in a product. So, we each agree to individually own a portion of what happens with the final product.

It doesn't matter which of us, it could be you or me, but if any of us uses RosterSniper in a way that produces money, we each get a certain percentage of that money. It could be receiving payment just for someone to gaze upon the website, charging people to use its services, selling portions of the code to others, or using RosterSniper to win space money on Mars—we each get a percentage if any of us uses any part of our final product in any way that produces money.

Shaun Mitchel and Ryan Cosentino will each retain 40% of the Intellectual Property. Each member of the "Three Musketeers+1" team - Joseph Kolarik, Justin Sandman, Chena Mac-Cephas, Ian Dowlatkhah - shall each retain 5% of the Intellectual Property. By signing below, we each agree to earnestly adhere to these simple terms under penalty of the American courts and the men with big dogs.

	11/6/2022
Shaun Mitchell	Date
	11/6/2022
Ryan Cosentino	Date
	11/6/2022
Joseph Kolarik	Date
	11/6/2022
Justin Sandman	Date
	11/7/2022
Ian Dowlatkhah	Date
	11/6/22
Chenanniah Mac-Cephas	Date

## Velocity Chart Reports For All Sprints



- Logging work is essential for accurate velocity reports
  - Need to also move things to the correct place (todo, in progress, completed)
  - Note: Fully understood this around the end of the 3rd sprint
- Jira is not a substitute for in person communication