

# Student Learning Management System (SLMS)

Presentation by **Ethan, Gabrielle, Christian, Paul, Cody, and Mike**

Introduction to Programming CMPT 120L – Professor Sadeghi

christian

# Overview





- ✦ Team Description
- ✦ Problem
- ✦ Project Objective
- ✦ Project Description
- ✦ UX Design
- ✦ GUI Design
- ✦ Data Storage
- ✦ References

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# Team Fire Drake



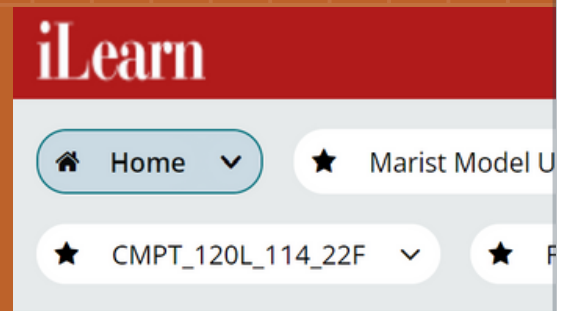
mention town you're from, year, major/minor

Project Phase 01		5 / 5	11/2/22
Project Phase 02		5 / 5	11/9/22
Assignment03		10 / 10	11/15/22
Project Phase 03		5 / 5	11/21/22

# Problem

-iLearn is created around the needs of professors, not the needs of students

-Therefore, as a student, getting an accurate representation of your GPA at any point of the semester isn't necessarily the easiest of tasks



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# Project Objective

- The Student Learning Management System allows for students to manage their own grades, by class, by semester, by year.

- The app makes it easy for any student to view their grade for each class, their semester GPA, and their accumulative GPA at any given point of the semester.

paul

# What Features Does the Student Learning Management System Provide?

## Class Rundown

Each class a student has will return a rundown of the student's grades, including grade by assignment weight and overall class grade.

## Cumulative Rundown

This page is dedicated to giving a rundown of a student's overall semester GPA, by semester and by year. Additionally, older students have the ability to input past final GPAs for previous semesters.

## Potential GPA Calculator

A calculator dedicated to providing students with the ability to input hypothetical future overall class grades in order to see a potential earned GPA in the future.

mike

# UX Design

## Creating Semesters/Classes

Allows you to add all the semesters and classes that you need and permits easy access

## Managing Grades/GPA

Allows you to see your grades for specific assignments, grades for entire classes, current gpa, cumulative gpa, and potential gpa

## Managing Assignments

Allows you to view and add, remove, and edit assignments for all classes at any time

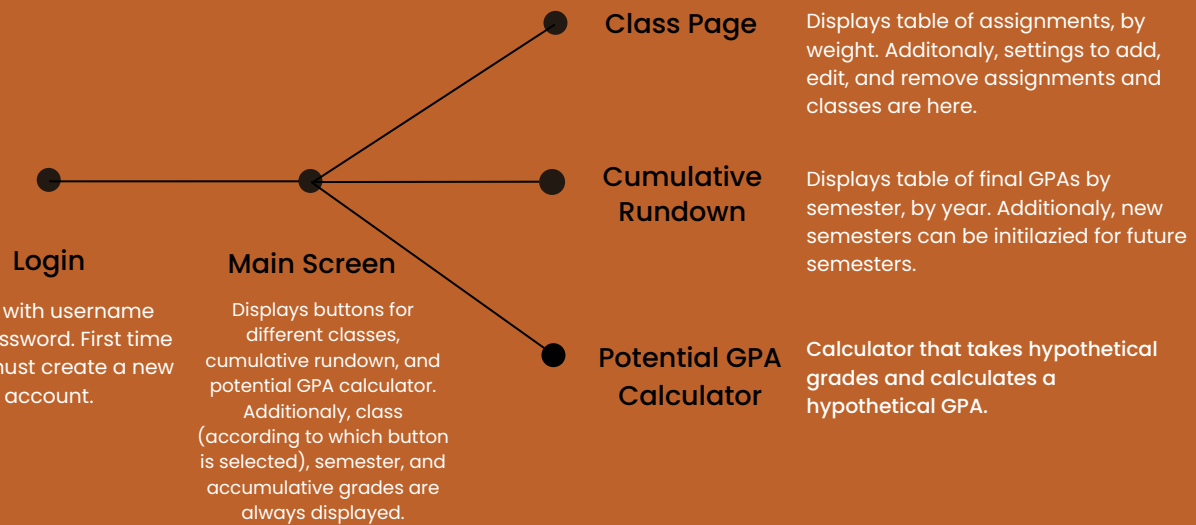
## Use Over Time

Over time you can track academic data to have a wholistic look at gpa, credits taken, and grades



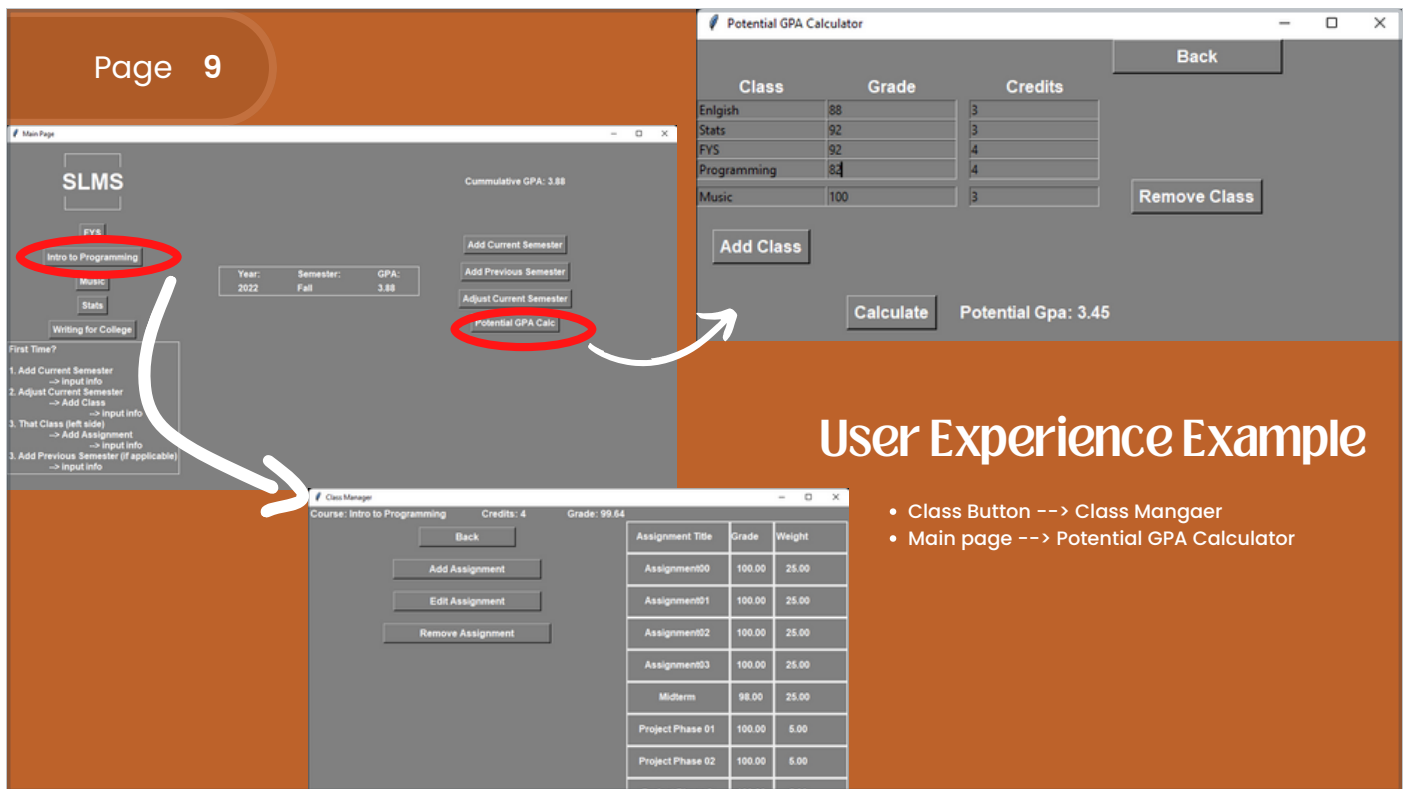
cody

# Graphical User Interface Design



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# Data Storage

01

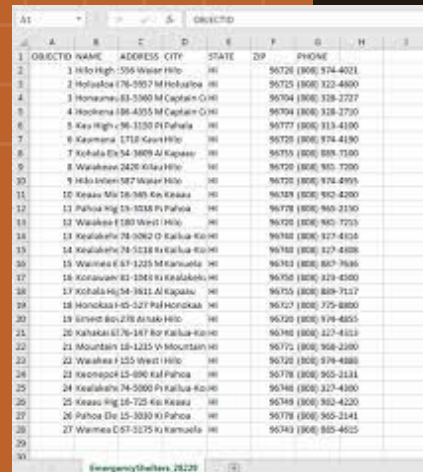
## Account-based

You can make as many different accounts as you would like. Each account is able to store its own information of semesters, courses, grades, and GPAs.

02

## CSV Files

CSV files are used for all data storage. This includes login info, semesters, courses, grades, and GPAs.



OBJECTID	NAME	ADDRESS	CITY	STATE	ZIP	PHONE
1	Hilo High	1556 Waiwai Hill	HI		96726	(808) 934-4021
2	Holualoa	176-5937 M Holualoa	HI		96725	(808) 323-4800
3	Honolulu	63-5060 M Captain G.H.	HI		96704	(808) 328-2727
4	Honolulu	186-4355 M Captain G.H.	HI		96704	(808) 328-2727
5	Kaua High	36-1150 N Pahoehoe	HI		96777	(808) 313-4190
6	Kaunapali	1718 Kaula Hill	HI		96720	(808) 974-4190
7	Kohala E.H.	54-3609 Al Kapapa	HI		96755	(808) 888-7100
8	Waialeale	2420 Kaula Hill	HI		96720	(808) 885-7200
9	Hilo High	187 Waiwai Hill	HI		96720	(808) 974-4955
10	Kaunapali	18-365 Kaula	HI		96720	(808) 974-4200
11	Kaunapali	15-1333 N Pahoehoe	HI		96720	(808) 945-2100
12	Waialeale	1180 Waiwai Hill	HI		96720	(808) 885-7200
13	Kaunapali	74-1062 O Kaula	HI		96720	(808) 974-4190
14	Kaunapali	74-1018 Kaula	HI		96720	(808) 974-4190
15	Waialeale	11-1225 M Kaula	HI		96720	(808) 885-7200
16	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
17	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
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23	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
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26	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
27	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
28	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
29	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190
30	Kaunapali	11-1345 Kaula	HI		96720	(808) 974-4190

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# Student Learning Management System Demonstration

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demo: ethan & ellie

# Thank You!

Presentation by **Ethan, Gabrielle, Christian, Paul,  
Cody, and Mike**

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