

Zoe Eastwood  
Professor Arias  
Software Development 1

### Milestone

Abstract:

My project will allow users to calculate their college debt, interest, and help them pick the best payment method that suits them. College loans are tough to handle and I intend to create a project that makes the whole process easy and stress free.

Student loans follow many students throughout their adult lives because they're either forgotten about, confusing to understand, or misinterpreted. With this program I intend to fix all of these issues.

Users will be able to input their own personal data and my program will use a calculator to calculate their...

- Remaining balance
- Best suited payment plan
- Cost of bill after interest time period

UML Diagram:

Project2
<ul style="list-style-type: none"><li>- paymentPlan double: String</li><li>- reamainingBalance double: String</li><li>- afterAid double: String</li><li>- tuitionAmount double: String</li><li>- Months int: String</li></ul>

<ul style="list-style-type: none"> <li>- costAmount double: String</li> <li>- Aid double: String</li> <li>- annualInterestRate double: String</li> <li>- loanTenure double: String</li> <li>- financialHelp double: String</li> </ul>
+ userInput ()

This program will avoid late and inadequate payments. Most people are given their payment plans in very complicated terms, especially for people who are not good at math. This system will make it so that the numbers are spat out right in front of them and no extra work is required.

Other programs like this have been created on loan websites to make the billing process seem clear. However, my program will address students who have already taken out a loan and are confused, or have forgotten about the terms they initially agreed to. Programs most similar to the system I plan to create can be found in places like [finrate.org](http://finrate.org) and loan calculator sites. However, mine will be in it's rawest version making it the easiest to use.

This system is very easy to use and only requires the information of the user in order to work.

This system is able to ease the process of loans for students. The goal is to make a frustrating task a breeze for many people who struggle with payment plans.