
MacONE

Overwatch League Team 5

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What is MacONE ?

- Purpose: To enhance the McMaster University student experience by providing an integrated, personalized academic and social management tool.
- Scope:
 - Personalized course schedules and to-do lists.
 - Access to essential university resources.
 - A forum for student interaction.
 - Pomodoro timer for focused study sessions.
 - Feedback box for direct communication with developers.
 - GPA calculator using uploaded transcripts.
- Background: MacOne was developed in response to the need for a more streamlined, efficient, and interactive student experience at McMaster University, aiming to simplify the complexities of student life through technology.

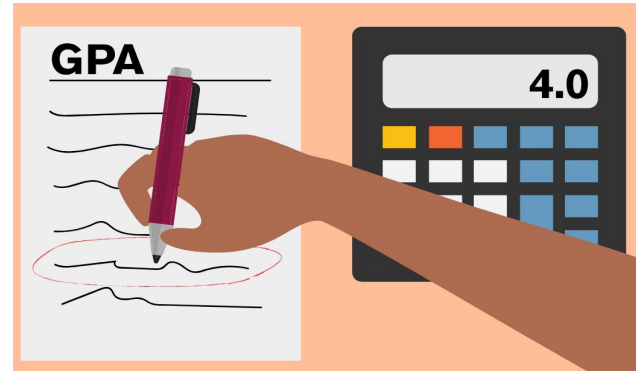


Pain Points

→ Katrina: A third-year Engineering student

Looking for a convenient tool to calculate cGPA for resume update and co-op applications.

Term Enrolment				
Course	Title	Attn./Earned Units	Grade	
ECON 1B03	Introductory Microeconomics	3.00/3.00	A+	
SFWRENG 2AA4	Intro To Software Development	4.00/4.00	A-	
SFWRENG 2C03	Data Struct & Algorithms	3.00/3.00	A-	
SFWRENG 2FA3	Discrete Math: Application II	3.00/3.00	A+	
SFWRENG 2GA3	Computer Architecture	3.00/3.00	A	
SFWRENG 2XB3	SE Pract & Exp:Theory To Prac	3.00/3.00	A+	
Totals				
Term Totals	Attn./Earned Units 19.0/19.0	GPA Units 19.0	Total Points 215.0	GPA 11.3
Academic Standing: Good Standing				
Term Honours: Deans' Honour List				
--- 2021 Spring/Summer ---				
Program:	Engineering Bachelors			
Plan:	Software Engineering CO-OP (Co-op Program)			
Term Enrolment				
Course	Title	Attn./Earned Units	Grade	
ECON 1B03	Introductory Macroeconomics	3.00/3.00	A-	
ENGINEER 2B03	Engineer Economics	3.00/3.00	A+	
Totals				
Term Totals	Attn./Earned Units 6.0/6.0	GPA Units 6.0	Total Points 66.0	GPA 11.0

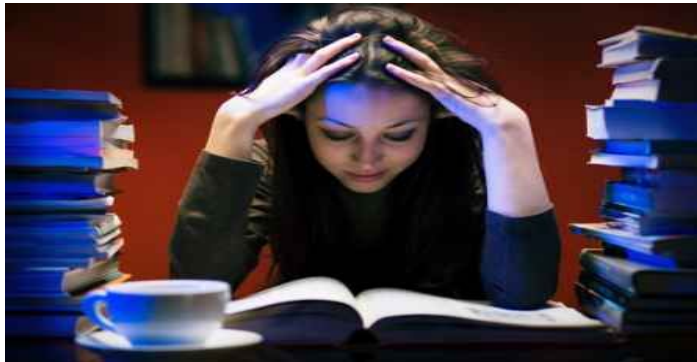


```
print((126+262+36+174+215+66+255+204+
192)/(12+25+3+16+19+6+22+17+16)) =
11.25(3.75)
```

Pain Points

→ **Jamie: Final Year Sociology Student**

Balancing the final year of study with a part-time job at a local cafe. The pressure of writing a thesis while managing shifts is taking a toll.





Pain Points

→ Lily: Second-Year Health Sciences Student

Lily is enthusiastic about pursuing a career in healthcare but struggles with the demanding schedule of labs, lectures, and group projects.





Pain Points

→ Alex: First-Year Engineering Student

Alex is new to McMaster and overwhelmed by different school websites and don't know what to do with them.

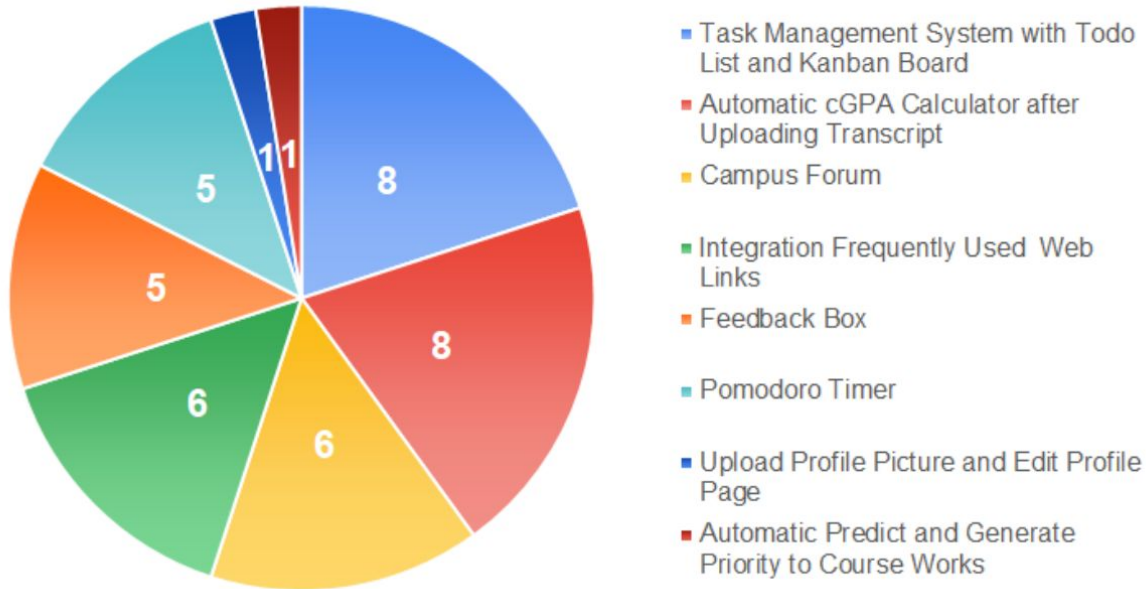




MacOne can Help!

Survey

The Number of Votes for the Feature Attracts Users





Survey

Table 1: Survey Result for Usability

Survey Result for Usability	Result Value
Percentage of users who found the content of the website clear and easy to understand	78%
Average percentage score of user feedback on overall ease of use of site navigation	62%
Average percentage score of user feedback on ease of use of the prioritization generation feature	28%



Changes after survey

- **Removing Task Priority Prediction Feature:** low user interest seen by survey results.
- **Adding Frequently Used Apps Quick Links Feature:** improve user experience by simplifying navigation to frequently used resources.
- **Adding cGPA Calculator Feature:** High user demand for an automatic cGPA calculator, help students to evaluate academic performance
- **Improving Main UI Elements:** enhance usability, simplify the workflow
- **Integration between tasks and pomodoro:** take the advice after Demo Rev 0, make the study with rewards to increase motivation
- **Forum Discussion Board Feature:** in response to user survey, create inclusive, interactive community

Highlights

→ Direct Developer Interaction:

- ◆ Submit ideas via our feedback form and receive responses directly from the developers, fostering continuous improvement based on popular usage.

→ User-Driven Enhancements:

- ◆ Influence the evolution of the website with your feedback, ensuring the platform evolves to meet the most demanded features and functions.

→ Personalized Experience:

- ◆ Tailor the website to your needs, from customizing the order of Quick Links to creating and editing To-Do lists.

→ User Interactions:

- ◆ Forum for students to discuss any aspects of their life, from the courses they are taking, to how they use the website to better help them succeed.

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Future Development

- Group Study Module
- University IT system integration
- safety of personal information of students
- data-centric dashboard



Let's redefine learning together!

