

CMU Student Perks Hub - Project Requirements

Project Overview

Create an informative, user-friendly website that highlights all the student privileges available at Central Michigan University (CMU). These include software access, academic support, health services, campus facilities, and more—especially focusing on lesser-known resources.

Objectives

- Help CMU students discover all available free/discounted tools and services.
- Make it easier for students to navigate resources.
- Improve student utilization of underused benefits.
- Build a central, searchable, and well-organized platform for this information.

Functional Requirements

1. Home Page

- Brief introduction to the website purpose.
- Search bar and categorized links to privileges.

2. Categories Pages

Each category page should display a list of relevant privileges:

- Software & Tech Tools
- Academic & Career Support
- Health & Wellness
- Library & Study Resources
- Campus Life & Student Organizations
- Connectivity & IT Support
- Free & Discounted Services

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Each item will include:

- Name of privilege/tool
- Short description
- Eligibility
- How to access/use it
- Official link

3. Search & Filter

- Filter by category, keywords, and cost.

4. Responsive Design

- Optimized for mobile and desktop.

5. Admin Panel (Optional Phase 2)

- Add/Edit/Delete privileges
- Track usage analytics

Non-Functional Requirements

- Performance: Pages load in under 2 seconds.
- Accessibility: WCAG 2.1 AA standards.
- SEO: Optimized for search engines.
- Security: HTTPS, sanitized inputs.

Tech Stack Recommendations

Frontend: React.js or Next.js, TailwindCSS or Bootstrap

Backend: Node.js + Express or Firebase (optional)

Database: MongoDB or PostgreSQL (for admin panel)

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Content Requirements

- Verified list of CMU privileges
- Short summaries and access instructions
- Links to official CMU resources

Timeline

Week 1: Research and content gathering

Week 2: Wireframes and UI design

Week 3-4: Frontend development

Week 5: Content upload and internal testing

Week 6: Launch and feedback

Success Criteria

- Website launched and accessible
- At least 90% of known privileges listed
- Mobile and desktop friendly
- Positive feedback or student usage

Detailed Privileges by Category

Software & Tech Tools: Software & Tech Tools

- Adobe Express or Creative Cloud All Apps (free)
- Microsoft Office 365 (free)
- Blackboard LMS access
- Licensed tools: Power BI, Project, more

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- Free software: GIMP, Blender, Eclipse, etc.

Library & Study Resources: Library & Study Resources

- Park Library access (PCs, Macs, printing, gear checkout)
- Adobe Digital Lounge
- Study rooms, research help

Academic & Career Support: Academic & Career Support

- Academic advising
- Free tutoring & supplemental instruction
- Writing & Presentation centers
- Career Development Center
- OneCentral services

Health & Wellness: Health & Wellness

- Counseling Center
- On-campus medical care
- CMU CARES program
- Student Disability Services

Connectivity & IT Support: Connectivity & IT Support

- OIT Help Desk (Wi-Fi, Office, Blackboard support)
- Equipment checkout
- Hardware discounts

Campus Life & Student Organizations: Campus Life & Student Organizations

- 300+ student orgs (Engage Central)
- Club sports (rugby, archery, etc.)
- Student media groups
- Ticket Central (free/cheap tickets)

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- Fitness & rec facilities

Free & Discounted Services: Free & Discounted Services

- Student Service Fee-funded perks
- Apple & Dell discounts
- Tuition payment plans