

<b>Project Title:</b> UMKC Marketplace Web Application	
<b>Start Date:</b> 02/09/24	<b>End Date:</b> 05/01/24
<b>Project Manager:</b> Samuel Cabrera	
<b>Project Sponsor:</b> Commerce Bank	
<b>Customer:</b> UMKC students	
<b>Users:</b> UMKC students, faculty, staff	
<b>Stakeholders and Expectations:</b> <ul style="list-style-type: none"> <li>• Project Sponsor: Provide support and resources for the project, ensure alignment with Full-stack web application goals and stretch goals</li> <li>• Project Manager: Oversee project planning, execution, and delivery within specified timeline and budget.</li> <li>• UMKC Students: Expect a user-friendly platform for buying and selling items exclusively for the UMKC community.</li> <li>• Faculty and Staff: May use the platform for engaging in marketplace</li> </ul>	
<b>Purpose (Problem or opportunity addressed by the project):</b> To address the need for a safe and secure online marketplace exclusively for UMKC students to buy and sell items, enabling community engagement and resource sharing within the university.	
<b>Goals and Objectives:</b> <ul style="list-style-type: none"> <li>• Develop a simple and easily accessible web application tailored to the specific needs and preferences of UMKC students.</li> <li>• Corporate authenticity and safety through user verification, monitoring transactions, and more features.</li> <li>• Facilitate community building and resource sharing among UMKC students, faculty, and staff.</li> </ul>	
<b>Schedule Information (Major milestones and deliverables):</b> <ul style="list-style-type: none"> <li>• Requirement gathering and analysis</li> <li>• Design and development of the web application</li> <li>• Testing and quality assurance</li> <li>• Deployment and launch</li> <li>• Post-launch support and maintenance</li> </ul>	
<b>Financial Information (Cost estimate and budget information):</b> Our budget will range around a semester long estimate.	

**Project Priorities and degrees of freedom:**

- Priority on user experience, safety, and community engagement.
- Flexibility in design and implementation to accommodate user feedback and university regulations.
- Users will engage in buying, selling items and communicate with other users via messaging platform

**Approach:**

- Conduct surveys and interviews with UMKC students to gather requirements and preferences.
- Design and develop the web application with a focus on intuitive navigation, user authentication, and communication features.
- Collaborate with university administrators to ensure compliance with university policies and regulations.
- Test the application thoroughly to ensure functionality and security.
- Launch the application with a marketing campaign targeting UMKC students and local businesses.

**Constraints:**

- Budget limitations for development and marketing.
- Time constraints for project completion.
- Compliance with university regulations and policies.

**Assumptions:**

- UMKC students will actively use the marketplace for buying and selling items.
- University administrators will support and promote the platform among students.
- Adequate resources and expertise are available for web development and

**Success Criteria:**

- High user adoption and engagement rates among UMKC students.
- Successful partnerships with local businesses for student-exclusive promotions.
- Achievement of targeted transaction volumes and revenue.
- Adherence to budget and timeline constraints.

**Scope:**

The project will the development of a user-friendly web application exclusively for UMKC students, integration of safety and community features, profile engagement and budget features.

**Risks and obstacles to success:**

- Technical challenges in web application development and integration.
- UI design failures or Back-end system failures
- Low-level security optimization
- Low user activity or engagement.
- Security breaches or data privacy concerns.

**Signatures**

Samuel Cabrera, Jesse Gonzalez, Tea abuselidze, Adam Talpers

**Project Manager**

Samuel Cabrera

**Project Sponsor**

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**Customer**

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**Technical Lead**

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