

Project Plan

TechBarter

Industry Partner	NA
Primary Instructor	Anjana Shah
Team Member	Ashish Rajan Sherry
Team Member	Sandra Antony
Team Member	Hardik Kumar
Team Member	Nishita Sachdev
Team Member	Tanmay Panchal

Document Revision History

Revision #	Date
0.1	03/10/24
2.0	31/01/25

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1. Executive Summary

The following describes the project to be executed.

Objective	To develop TechBarter, a comprehensive online marketplace that facilitates the buying, selling, and recycling of electronic devices while fostering a community of tech enthusiasts committed to sustainability.
Corporate Goals Addressed	Our corporate goals focus on promoting eco-friendly practices by implementing a comprehensive recycling program that encourages sustainable behaviors within the community. We are committed to enhancing user experience by leveraging data-driven insights to better understand and meet user needs, fostering deeper community engagement. Additionally, we aim to establish a reliable marketplace for tech transactions, providing a trustworthy platform for users to buy and sell devices while supporting environmentally responsible choices.
Planned Start Date	September-14 2024
Planned End Date	March-28 2025

2. Project Approvers, Reviews and Distribution List

Approvers, reviewers and distribution list

Project Role	Name	E-mail	Date
Reviewers	Ashish Rajan Sherry	Ashish.RajanSherry@georgebrown.ca	01/02/2025
Reviewers	Sandra Antony	Sandra.Antony@georgebrown.ca	01/02/2025
Approvers	Hardik Kumar	HardikKumar.@georgebrown.ca	01/02/2025
Approvers	Nishita Sachdev	Nishita.Sachdev@georgebrown.ca	01/02/2025
Approvers	Tanmay Nikunjibhai Panchal	TanmayNikunjibhai.Panchal@georgebrown.ca	01/02/2025

3. Scope

Define the sum total of all of its products and their requirements or features.

In Scope	Out of Scope
Development of the TechBarter marketplace platform	Development of mobile applications (initially focused on web interface)
Features including visual sales reports, a community hub, and a recycling initiative	Features not related to tech products and services
User registration, product listing, and transaction capabilities	International transactions and currencies (initially limited to local markets)

4. Deliverables

This project will deliver the following.

Deliverable	Description
TechBarter Marketplace Platform	Fully functional online platform for buying/selling tech
Visual Sales Analytics	Tool for sellers to analyze sales performance visually
Community Hub	Space for user discussions, support, and knowledge sharing
Recycling Program	Integrated system for users to recycle old electronics

5. Assumptions

This project makes the following assumptions:

- Users will have reliable internet access to utilize the platform.
- Users possess basic tech knowledge to navigate the platform effectively.
- Third-party services will integrate seamlessly with the TechBarter platform.
- Legal compliance will be maintained regarding recycling and e-commerce regulations

6. Dependencies

The following are the internal and external dependencies that will have to be acknowledged and addressed:

- Third-party payment processors for transaction management.
- Data analytics services for sales and user behavior insights.
- Partnership agreements with recycling organizations.

7. Risk Management

Potential Risk	Severity (H/M/L)	Likelihood (H/M/L)	Management Strategy
Limited user adoption	High	Medium	Implement robust marketing strategies
Delays in third-party integration	Medium	Medium	Develop contingency plans and alternative
Regulatory compliance issue	High	Low	Engage legal expertise early in development

8. Communication

Reporting

The following reports will be produced;

Report	Audience	Frequency
Completing weekly Sprints	All members	Weekly
Status report	All members	Weekly

Meetings

The following meetings/communication will be established;

Meeting	Purpose	Attendees	Frequency
Tuesday 10-12	Sprint works	All members	Weekly
Wednesday 12-2pm	Status report	All members	Weekly

9. Task Listing (WBS- Work Breakdown Structure)

The following resource proposal template summarizes the resource hours committed to this project, upon final approval of this document.

Reference	Tasks	Duration	Dependency
A	Develop TechBarter marketplace platform	10 weeks	-
B	Develop visual sales analytics tool	4 weeks	A
C	Develop community hub	6 weeks	A
D	Develop recycling program	8 Weeks	A
E	Integrate Third-party payment processors	2 weeks	A
F	Integrate data analytics services	3 weeks	A
G	Develop partnership agreements with recycling organizations	4 weeks	A

10. Gantt Chart

Create a detailed Gantt Chart from your Task Listing(Use any software tool and paste the image or upload as a separate file that can be opened as pdf/doc/xls)

Below is an example:

Task	Period										Completed
	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	

11. Milestones

Major Activity or Milestone	Estimated Milestone Target date	Owner/Reviewer Team Members
Completion of marketplace platform	Week 10	Nishita Sachdev
Completion of visual sales analytics tool	Week 12	Hardik Kumar
Completion of community hub	Week 13	Hardik Kumar
Completion of recycling program	Week 16	Sandra Antony

Completion of partnership agreements	Week 18	Ashish Sherry
Integration of third-party payment processors	Week 15	Tanmay Panchal
Integration of data analytics services	Week 18	Ashish Sherry

12. RAM – Responsibility Assignment Matrix

Task	Nishita	Ashish	Hardik	Sandra	Tanmay
Develop Marketplace Platform	P	S	S	S	S
Integrate Visual Sales Analytics			P		S
Implement Recycling Program		P	S		
Establish Community Hub	S			P	
Conduct User Testing and Feedback	P	S			
Launch TechBarter Platform	S	S	S	S	P
Post-Launch Evaluation and Maintenance	S	S	S	P	S

13. Approval

The signatures below indicate their approval of the contents of this document.

Project Role	Name	Signature	Date
Leader	Nishita Sachdev	N.S	01/02/2025
Member	Hardik Kumar	H.K	01/02/2025
Member	Ashish Sherry	AR.S	01/02/2025
Member	Sandra Antony	S.A	01/02/2025
Member	Tanmay Panchal	T.P	01/02/2025