

Project Plan

Contractor Connect

Primary Instructor	Laily Ajellu
Team Member	Adel Alhajhussain
Team Member	Eric Laudrum
Team Member	Sana Karnelia
Team Member	Shifa Karnelia
Team Member	Mehdi Jazi

Document Revision History

Revision #	Date
5.1	09/30/2025
5.2	02/08/2026

Table of Contents

1. Executive Summary

Contractor Connect is a digital marketplace designed to streamline the process for homeowners to connect and engage with local service professionals. By creating a centralized system for contractor information, peer reviews, and job-bidding, the platform removes the difficulties of researching contractors and gathering quotes. Our mission is to create a welcome and easily accessible environment to provide value for both homeowners and contractors.

Objective	Build and deploy a responsive web application that enables homeowners to post home-improvement projects and maintenance in a centralized location for contractors to browse and submit competitive bids.
Corporate Goals Addressed	<p>Modernize Resources: Update the way homeowners find and connect with local experts and track their work.</p> <p>Optimize Communications: Streamline the contractor-client communications to increase transparency and reduce errors and miscommunications.</p> <p>Localized Economic Growth: Support independent contractors and small businesses with a digital marketplace to foster localized economic opportunities.</p>
Planned Start Date	01/06/2025
Planned End Date	05/01/2026

2. Project Approvers, Reviews and Distribution List

Approvers, reviewers and distribution list

Project Role	Name	E-mail	Date
Instructor	Laily Ajellu	Laily.ajellu@georgebrown.ca	2025-10-26
Project Manager	Adel Alhajhussain	Adel.alhajhussain@georgebrown.ca	2025-10-24
Quality Assurance	Eric Laudrum	Eric.laudrum@georgebrown.ca	2025-10-26
Back-end Developer	Mehdi Jazi	Mehdi.jazi@georgebrown.ca	2025-10-26
Front End Developer	Sana Karnelia	Sana.karnelia@georgebrown.ca	2025-10-26
UI Design	Shifa Karnelia	Shifa.karnelia@georgebrown.ca	2025-10-26

3. Scope

In Scope	Out of Scope
Account Management: Registration and login for both homeowners and contractors	Automated invoicing or billing tools
Digital Marketplace: Functionality to post, browse, and search project listings	Native mobile app development
Review System: Option for customers to rate and review.	AI based recommendations
Admin Control: Admin dashboard for managing listings and users	Payment integration

4. Deliverables

This project will deliver the following.

Deliverable	Description
Contractor Connect Web App	A fully functional web-based platform for clients and contractors to connect and manage project listings.
Secure Auth System	A secure login and registration feature for all users, with role-based access for contractors and clients.
Job Posting and Search Features	Clients can post new jobs, and contractors can filter and apply based on trade and location.
Admin Dashboard	Internal admin panel to view users, remove inappropriate listings, and monitor activity.
Profile and Reviews Module	Allows contractors to showcase their work and clients to leave ratings after job completion.

5. Assumptions

This project makes the following assumptions;

- **User Access:**
Almost 95% of clients have access to a device connected to internet.
- **Contractor Reliability:**
Estimates and work provided by contractors will be accurate and high quality
- **Users Verifications:**
95% of users will accurately verify who they are to minimize fraud.
- **Jobs Accuracy:**
Clients will provide accurate information about the jobs.
- **Development time:**
Developers will have a full semester to develop the system.

- **Administrative Oversight:**
Admin or technical support will review the platform to control content and solve issues.
- **Team Communication:**
All project team members should communicate as needed and have a weekly meeting for all team members.

6. Dependencies

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

- The system will be supporting the latest version of popular web browsers such as Chrome, Firefox, edge and Safari
- Platform will work on operating systems such as Windows, macOS, iOS and Android
- We will use MySQL database for data storage
- Programming language for development will be PHP and for frontend HTML5, CSS3 and JavaScript will be used.
- The platform will be hosted on a Linux server managed through cPanel
- The work is limited to the tools and programming knowledge that the group team members have acquired during the course work.
- The successful development depends on all group members competing their assigned tasks on time, maintaining communication, and participating at regular check-in meetings.
- There is no budget assigned for this paid software and only rely on free or open-source software tools.
- The project has a timeline and must be completed with the semester aligning with the course deadlines.
- The project delivery team must follow the school rules and privacy laws when dealing with security and user data.

- The course instructor will provide regular feedback and advise to ensure the project team meets all requirements and stays on track with feedback implemented.
- The project's usability and success are dependent on participants from users (contractors and clients) during the testing and feedback phase.

7. Risk Management

Potential Risk	Severity (H/M/L)	Likelihood (H/M/L)	Management Strategy
Team members are missing deadlines for their assigned task, or unavailable to complete the task.	H	M	Collaborate through regular check-in meetings to track progress of the task and keep on schedule and assign back-up responsibilities.
Adding new features that are outside of the project scope and requirements.	M	L	Consult with team members before making any changes and seek advice from course instructor if additional features are necessary for a function.
User Interface (UI) is a little complex that reduces user-friendly platform and accessibility.	L	M	The team members will provide peer review; test run the website regularly and give the UI designer feedback during the development & testing phases to improve usability and overall experience.
Technical challenge during the development and testing phase of the website	H	H	Communicate issues to team members and try to resolve them. Always add additional time for testing in your task dependency and have version control to see the changes for work done.

Team coordination and scheduling conflicts	M	M	Agree with group members to have a re-occurring meeting at a certain time of week; use collaborative tools such as MS teams and OneDrive to share files and store project information.
Server configuration issues	M	H	Verify that the hosting server supports the required PHP version (PHP 8+) and MySQL version at least 4 weeks before the testing phase to prevent deployment issues.
Browser Compatibility issues across different devices	M	M	Create the design with responsive web design principles and test it on different browsers and devices
Server errors result to lose data	L	H	Configure the server to take automated daily backups using cPanel features

8. Communication

Reporting

The following reports will be produced;

Report	Audience	Frequency
Project Vision	Team(group-4)	At first Project started
Project Summary	Team (group-4), project investor	At first Project started (updated after getting feedback from investor)
Business Requirements	Development Team (group-4), project manager	weekly/biweekly

Personas	Team(group-4), UI/UX team	Once as a group and updated as needed.
User Stories	Development Team and Team(group-4)	Once as a group and updated as needed.
Project Plan	Project manager, Team (group-4)	Twice
Team Charter	Project manager, all Team(group-4)	Twice
Product Backlog	Development Team, Team(group-4), stakeholder	Frequently based on feedback. Priority shifted as needed by the team members.
Sprint Backlog	Development team, Team(group-4), project manager	Every sprint (in starting)

Meetings

The following meetings/communication will be established;

Meeting	Purpose	Attendees	Frequency
Team management	Manage team workload on Microsoft team. In addition, finish project Summary document.	All team member	once
Updates Project Vision Document	Review the part done by one member. Complete and updated the	All team member	twice

	document.		
Sprint2 (discission and assign work)	Review the past project documents, manage problems in project. Assign task to all team member	Project manager, All team member	once
Client meeting (presentation 1 discussion)	Discusses about how we gone represent work to the client and assign presentation role	Project manager, All team member	once

9. Task Listing (WBS- Work Breakdown Structure)

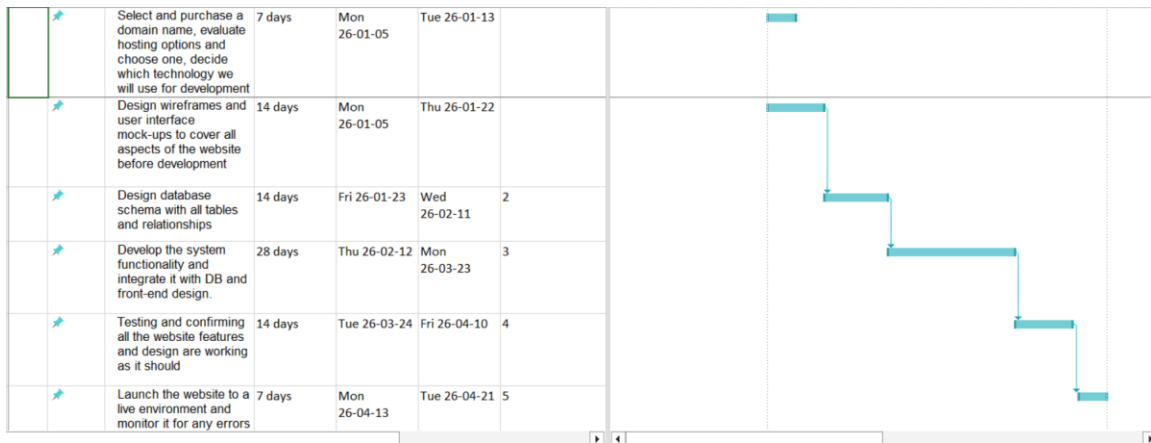
The following resource proposal template summarizes the resource hours committed to this project, upon final approval of this document.

Reference	Tasks	Duration/wk	Dependency
A	Select and purchase a domain name, evaluate hosting options and choose one, decide which technology we will use for development	1	
B	Design wireframes and user interface mock-ups to cover all aspects of the website before development	2	
C	Design database schema with all tables and relationships	2	B
D	Develop the system functionality and integrate it with DB and front-end design.	4	C
E	Testing and confirming all the website	2	D

	features and design are working as it should		
F	Launch the website to a live environment and monitor it for any errors or bugs that happen after launch	1	E

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)



11. Milestones

Major Activity or Milestone	Estimated Milestone Target date	Owner/Reviewer Team Members
Domain and Hosting Selected	2026-01-13	Adel Alhaj Hussein, Eric Laudrum

Wireframes Completed	2026-01-22	Sana Karnelia, Shifa Karnelia
UI Design Completed	2026-01-29	Sana Karnelia, Shifa Karnelia
Database Design Completed	2026-02-11	Mehdi Jazi, Adel Alhaj Hussein
Backend development complete	2026-03-23	Mehdi Jazi
Frontend development complete	2026-03-26	Sana karnelia
Testing Phase Completed	2026-04-10	Shifa Karnelia, Sana Karnelia
Website Launched Live	2026-04-21	Adel Alhaj Hussein

12. RAM – Responsibility Assignment Matrix

A	B	C	D	E	F
Task	Adel AlhajHussein	Eric Laudrum	Mehdi Jazi	Sana Karnelia	Shifa Karnelia
Select and purchase a domain name, evaluate hosting options, and decide which technology to use	P	S			
Design wireframes and UI mockups to cover all aspects of the website before development				P	S
Design database schema with all tables and relationships	S		P		
Develop the system functionality and integrate it with DB and front-end design	P	S	S		
Testing and confirming all the website features and design are working as they should				S	P
Launch the website to a live environment and monitor it for any errors or bugs after launch	P	S			

13. Approval

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

Project Role	Name	Signature	Date
UI Design	Shifa karnelia	<i>Shifa Karnelia</i>	2026-02-08
Front End Developer	Sana karnelia	<i>sana karnelia</i>	2026-02-08
Project Manager	Adel AlhajHussein	<i>Adel Alhajhussein</i>	2026-02-09
Back-end Developer	Mehdi Jazi	<i>Mehdi Jazi</i>	2026-02-02

Quality Assurance	Eric Laudrum	<i>Eric Laudrum</i>	2026-02-01
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