

WrenchIT

High Level Requirements Document

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Project Identification

Project:	WrenchIT
Prepared By:	NXT Technologies (Group 9)
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Contributors

The following individuals contributed to this document.

Name	Title
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Distribution

This document is distributed to all the following people.

Name	Title
Laily Ajellu	Professor
NT Phaze Technologies (Group 9)	Developers / Contractors

Referenced Documents

This document refers to the following materials

Version number	Title	Author	Date	Source / Location
1.5	Project Summary Template	NZT Phaze Technologies (Group 9)	September 8 2025	Google Docs COMP3059-F24-Project_...
1.5	Project Vision Document	NZT Phaze Technologies (Group 9)	September 15 2025	Google Docs COMP3059-F24-Project ...

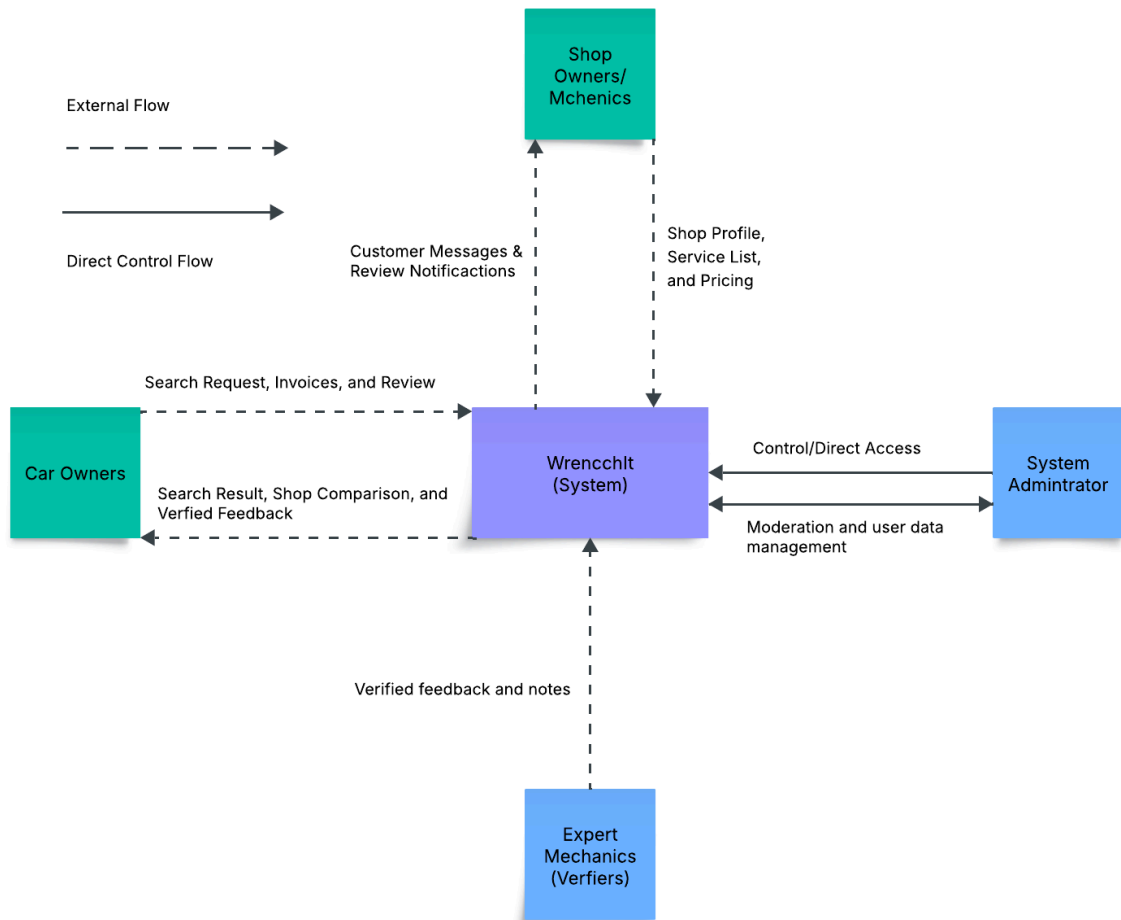
Revision History

Version Number	Revision Date	Summary of Changes	Modified by
1.4	September 15 2025	<i>Refining of project scope and potential features. Company name change considerations.</i>	Henrique Custodio
1.5	October 2 2025	<i>Final Review of grammar, updating of linked documentation and general cleanup.</i>	Henrique Custodio

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1. Business Context Diagram



HIGH LEVEL REQUIREMENTS WrenchIT

Requirement Scope Area	Description
Searchable Directory	It helps enable users to search by distance, rating, shop name, and services.
Price & Service Comparison	It makes for a more clear and honest comparison of services & associating costs across shops.
Ratings & Verified Reviews	The main goal is to provide trusted user feedback on shops & services.
Expert Mechanic Feedback	It allows for verified mechanics to leave quality and invoice reviews on posted services.
Shop Management	Shop owners can update service details, pricing, and availability.

External Entity	Description
Clients	The end users needing access to local mechanics services.
Mechanics	The professionals validating service quality, pricing, and correcting listings; End users.
Shop Owners	The businesses which provide competitive services and update their listings to match with customer needs; End users.
System Admins	Internal company personnel trained to maintain and ensure platform integrity across the application.
External APIs	Required to provide location and supplementary review data.

Information Flows	Description
Client -> Platform	Clients assist in building the platform by providing service receipts, reviews, and interacting with users/stores on our platform.
Platform -> Clients	The platform will provide clients with updated information on local vehicle repair offerings, matching services, etc.
Mechanics -> Platform	Mechanics will provide details for their stores offerings, reviews of other user uploads of work done, etc.
Shop Owners -> Platform	Owners will provide the platform with accurate store information, prices, location, service offerings etc.
Platform -> External APIs	The platform will provide data such as user location and user search to external 3rd party API's for processing and services.

2. Requirements Scope Statements

HLR#	Description	Priority (H, M, L)
HLR01	Integration with Google Maps API, or similar mapping API for location and service data.	H
HLR02	Accurate and updated searchable locations and service offerings.	H
HLR03	Database with different schemas to support registered stores, services, users, verified mechanics etc.	H
HLR04	Secure and robust role based registration system for all users, allowing for account management and verification.	H
HLR05	Administrator features for internal platform control, via our own code base or deployment of a Content Management System or similar.	M

High Level Business Requirements Sign-Off

The undersigned acknowledge their agreement with the contents of Version <x.x> of the High-Level Requirements document for **WrenchIT**.

Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.

Name	Project Role and Functional Area	Date Signed
Henrique Custodio	Developer Lead - Design and Architecture	October 2nd 2025
Hamzah Hafez	Developer-backend	October 2nd 2025
Tyson Ward-Dicks	Developer - Data Analytics	October 2nd 2025
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