Your Online Junkyard Retailer

Interim Report

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Introduction

PartsHound.com is an online used auto parts resource database, inventorying multiple warehouses of vehicle parts, from various locations, available for searching and purchase to registered customers via the Internet.

This interim report outlines the progress to date, user and company interface requirements.

Purpose of Document

The Client, investors, developers and administrators of the PartsHound system should use this document as a time and cost estimation tool as well as a tool to measure the project phase of development.

Document Scope

With respect to the PartsHound database and website forms, it is essential that communication between all interested parties is at an optimum in order to reach projected goals collectively. This document facilitates communication at this stage to ensure specifications are met by outlining total progress to date in database and site development, functionality, aesthetics, and user-friendliness.

Progress Report

The team is confident that as of this date the project is roughly 40% complete in terms of advertised functionality and design. Development continues as scheduled and no major risks to the project deadline have been identified.

Internal System Requirements

Id	Description	Progress
ISR1	Selection of DMBS.	100% complete. MySQL chosen as DMBS due to availability.
ISR2	DDL script.	100% complete. Sample data and table creation have been created.
ISR3	Development environment.	100% complete. Java Server Pages technology chosen due to availability.

External User Requirements

The following table defines system user requirements and their progress to date:

Id	Description	Progress
EUR1	Customer authentication system.	30% complete.
EUR2	Existing customer sign in page.	100 % complete.
EUR3	New customer registration system.	75% complete. Can add new customer to database, but auth system not connected.
EUR4	Product search tool.	100% complete.
EUR5	Customer contact form.	0% complete.
EUR6	View shopping cart items.	100% complete. Users may update and remove items from the cart.
EUR7	Customer checkout.	0% complete.
EUR8	Customer special requests.	0% complete.

Company Administrator Requirements

Administrators to the system, once implemented, will be required to run and maintain PartsHound. This table defines those responsibilities and how they are being integrated as well as the progress of those components.

Id	Description	Progress
CAR1	Administrator authentication system.	100% complete. SHA1 password security implemented.
CAR2	Administrator login system.	90% complete. User interface enhancements required.
CAR3	Administrator inventory management.	10% complete. Add new inventory completed.
CAR4	Administrator sales management.	0% complete.
CAR5	Administrator customer management.	0% complete.
CAR6	Administrator shipping management.	0% complete.
CAR7	Administrator central user interface.	0% complete.

Future System Enhancements

Id	Description	Progress
FSE1	Product thumbnails and enlarged photos.	0% complete.
FSE2	Product "compatibility" feature to allow users to find compatible parts.	10% complete. Database tables and DDL completed.
FSE3	AJAX powered interfaces.	0% complete. Implement AJAX for better UI experience and lower server load.
FSE4	Password retrieval system.	0% complete. Allow users to retrieve their password if they have forgotten it.

Constraints

Current constraints on the development of PartsHound to specification are developer availability and technical resources availability. Future feature enhancements will be implemented once the overall risk to the project deadline is deemed negligible.

Conclusion

Currently, PartsHound is well on its way to completion and it is important to confer with all members involved in the process to ensure that development is going according to the planned development process. Development on the internal system requirements is fully complete. Progress on the customer and administrator interfaces continues as scheduled with no major risks identified which would delay the project.