This document covers in detail the means by which HRDEVCO will create a Rental car website for Adil co

Rental car website

**Requirement and Scope Document**

**Client: Adil co**

**Partner: HRDEVCO**

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# Approval

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| --- | --- | --- | --- |
| **Name** | **Title / Role** | **Signature** | **Date** |
|  |  |  |  |
| Adil Hammadi | Project Champion | AH | 17/02/2014 |
| Jason Statham | Project Leader | JS | 17/02/2014 |

# Changes

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| --- | --- | --- |
| **Author** | **Date of Change** | **Description or comment** |
| Project Team | 2013-02-19 | First draft of the Proposal |
| Project Team | 2013-02-23 | Second interview, and discussion on research topics competitors, technology, options (scope modified based on advice.) |
| Project Team | 2013-02-24 | Sign off on Proposal and deposit made towards project. |

# Introduction

Adil co (the client) has commissioned the production of a website which will allow anyone on the web to get a quote or create/manage a booking for car rentals. The system takes criteria from the consumer and then provides a list of suitable bookings. The client requires a login to two web portals, one for the consumer and one for the administrator. The administrator will be able to manage the website, information such as locations, cars, consumers.

The client is looking to gain a competitive advantage over other Rental car companies in the area by introducing this website and expanding their locations. This project will be referred to as the the Rental Car Website **RCW**

## Legacy System Problems

* All bookings are stored in a table (excel spreadsheet) and have to be entered manually.
* History of only the last 6 months is kept
* Bookings are very time consuming to modify.
* All information for bookings is discussed on the phone however competitors have websites which give more convenient access to information.

# Project objectives

## Definition of the problem

The Client needs a system which will allow users to efficiently retrieve a quote for booking offers, view specials and manage bookings.

* The information need be readily available online via a website
* Consumers need to be able to manage their bookings online
* Administrators need to be able to login to manage website content
* A way to send feedback and to display specials
* A logical process to get a quote (Criteria for booking, car options with base quotes, accessories, summary page).

## Proposed solution

1. To identify what would be best for the client, market research need be done, to establish what is common technology, features and how the competitor websites operate.
2. A start page where a user specifies criteria for a booking.
3. A login, for consumers to manage bookings and administrators to manage the website.
4. A list page which shows various booking options
5. A page which summarises all the booking features and gives optional features/accessories (Bluetooth handsfree, roof racks, insurance) for the booking.
6. A confirmation page which gives a quote and details for the login.

## Scope

As discussed above the scope of this project is to create a website which contains the following features:

A system which will generate bookings and quotes:

* A page on which to select criteria for the booking
* A page which returns rental cars available based on that criteria
* A summary page which allows accessories to be added
* A page which confirms the booking details and major features

Also a web portal that allows business owner to manage the website.

## Functional Requirements

RCW will apply the following functional requirements:

### Manage Website (Administrator)

* Login
  + Login to administrator web portal
  + Manage login
    - Reset password
* Maintain media (car photos, advertisement in the form of pictures etc.)
  + Add media
  + Remove media
  + Edit media
* Maintain cars
  + Add car
  + Remove car
  + Edit car description
  + Add car photo
  + Remove car photo
* Maintain locations
  + Add Location
  + Remove Location
  + Add opening hrs
  + Edit opening hrs
  + Add site contacts
  + Remove site contacts
* Maintain accessories
  + Add accessory
  + Remove accessory
  + Edit price
  + Add description
  + Edit description
* Maintain specials
  + Add Special
  + Remove Special
  + Edit price
  + Add description
  + Edit description
* Create Reports
  + Most rented vehicle
  + Most Popular dropoff/pickup location
  + Numbers of customers in a month

### Manage Booking (Consumer)

* Login
  + Login to consumer web portal
  + Manage login
    - Reset password
* Maintain booking
  + Create booking
  + Edit Booking
  + Delete booking
* Maintain customer
  + Add customer
  + Edit customer details

### Get a quote

* Selection Criteria
  + Add Seats
  + Add Auto/manual
  + Add Pickup location
  + Add Pickup date/time
  + Add Dropoff location
  + Add Dropoff date time
  + Add Type of car
* Booking selection
  + Select Car
  + Deselect Car
* Accessory selection
  + Select Item
  + Deselect Item
* E-mail
  + Add e-mail

## Benefits

* Data stored online for convenient access rather than the customer calling to a booking office. This will save the client in man hrs at a booking office.
* The convenience of automatically generated reports.
* Modifying/adding bookings is done online rather than on a call again saving the client man hrs at a booking office.
* Greater retention of customer base, customers will not have to provide details repetitively if they are repeat customers the login will hold their personal details and this feature may have more repeat customers.

## Stages

* -Client base interview summary of ideas towards the website  
  -Research the market for competitors, technologies, ideas.  
  -Client interview and discussion on added ideas, acceptance on a specification for the website, client sign off .  
  -Programming works, complete functional website (no graphics no layout). Client sign off.  
  -Client meeting, sign off on functionality and confirmation on graphical layouts.  
  -Programming works, layout/Graphics and any added technologies.  
  -Client sign off on completion

## Constraints

### Critical Requirements for the Developers

* The website will be working off Windows based machines (Windows 7)
* The website will be based on .NET technology
* The website DBMS is MS SQL 2008
* Deadline of the 23th of June 2014

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| --- | --- | --- |
| Company | HRDEVCO | Adil co |
| Date | 17/02/2014 | 20/02/2014 |
| Representative | Hiroshi Ransom | Adil Hammadi |
| Signed | HR | AH |