

**Honda Automobile Corporation**

**Enhance Security Service**

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Particulars – Business Requirement Document

Created – May 13, 2016

1. **Introduction**

Honda (The Company) has been the market leader in manufacturing and supplying motorcycles, automobile and power equipment. The company is the first Japanese automobile manufacturer to release a dedicated luxury brand, Acura, in 1986. Since then it has been releasing multiple luxury brands across its product lines.

1. ***Locking system:***

From decade’s buildings to automobiles global population is following the similar ethics to unlock the doors with iron made key. As the technology came into existence, following passcode or password locking system but still hackers are killing that protection to enhance strong security, Honda is implementing telephone buzzer system this application doesn’t allow hackers to unlock without owner’s permission.

1. ***Usage of application:***

Security buzzer system is to design and develop in form of user friendly to get registered or synchronized with mobile or landline phone by following the application manual. This outcome with additional feature during the theft if the application fails in emergency purpose, in last case owner can remotely lock wheels from movements

1. **Scope**

In automobile Industry along with Honda manufacturing plant, established class luxury Acura. First they designed sedan model cars from the growth of sales, expanded their business to design SUV’s, sports cars and racing bikes. During the years of development, they conducted surveys, concerted auto shows to attract customers and that made them to approach customers closely to know their ideologies, which helped them to improve growth of sales in global market by providing safety precautions to both driver and passenger.

From the past generations few automobile lovers started to travel in their own transport. Since 20th century passionate drivers moving state by state using cars and motorbikes to save costs on trains and flights along with the redesigned drive & passenger safety automobiles. In these years as the technology is growing faster to reduce the human’s energy Honda came up with the new ideology to enhance extra security system to their automobiles to make them protected from the burglars, when they are parked in shopping malls, parking lots…etc., to provide excellent support to their customers

1. **Assumptions**

* Business Development team should send official letters to existing customers to enable this service.
* Video and poster adverts to attract new customers.

1. **Conditions**

* Honda needs to communicate with US network providers to get connected to Incoming calling security service.
* Development teams to make this application to run successful without any defects.

1. **Constraints**

* Challenge is to send Incoming threat calls when customer is overseas and if there is no mobile network coverage.

1. As In Process flow
2. To be Process flow

**Note:**

AS –IS and TO-BE process will be prepared using the tools BPMN and MS Visio.

BPMN – Business Process Modelling and Notation

Using the MS Visio and BPMN, a business analyst will prepare UML, which are use cases and activity diagrams.

Use cases are the user perspective diagram

Activity diagrams are the system perspective diagrams

1. **Business Requirements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Req. No.** | **Business Req. Name** | **Description** | **Priority** | **Notes** |
| HC-123 | Register on alarm display | Owner should able to register with Phone number and assign password | High | It should only accept numbers for username (character Limit 10 numbers) & accept special characters, numbers, alphabets (Character limit 15) |
| HC-456 | Credential Unit accept or decline | Lock the display if credentials are typed Incorrectly for maximum 3 attempts | High | Dial to \*#111# to hear computer automated customer service to reset password by entering unique number (Displayed under ESS) on phone keypad. |
| HC-789 | Synchronize process | Owner should synchronize maximum up to 3 phone numbers | High | After synchronization, pop up message should display on screen to pick ringtone from phone, which doesn’t match with regular call ringtone. |
| HC-A11 | Attempts to theft | Phone & Automobile should buzz at a time, If someone tries to unlock for more than 1 minute | High | When Buzzer rings, If owner accepts call It results as Door is open. If call is rejected it won’t allow to unlock |
| HC-A12 | Emergency locking | If security alarm program is broken – Customer should receive text message | High | To protect car from burglars, customer should have access to dial in unique number and press \*#09# to lock the wheels and stop engine. |
| HC-A13 | Network activation to use ESS | Customer should talk to network provide to activate this service on phone (One time free activation) | High | To verify whether the activation is successful, Dial \*#10# on telephone keypad – pop up window appears by saying ESS activated OR deactivated. |