**Honda Automobile Corporation**

**Enhance Security Service (ESS)**

**May 13, 2016**

**Project Charter**

**Key Stakeholders:**

|  |  |
| --- | --- |
| **Project Title** | Improving Security theft in Honda Automobiles |
| **Project Owner** | Steve Mikula |
| **Project Manager** | Swapna Reddy |
| **Project Code** | ABC-123-DEF-456 |
| **Document Owner** | Abhishek Panthangi |

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. **Intro of the project**

Since early stages in United States the best and comfortable way to commute is our car, most of the people who have a fantasy to drive cars will move states by states in car and they treat car as their second home. Every home will have a security locking system, but still we see many thefts from US Police news & by surveys, to improve security to their residence or business; technology came up with security alarm system to have extra protection from burglars to their properties. With the same technique and methodology Honda came out with additional security feature and we name as ESS (Enhance security service).

1. **Background**

Honda is the world’s largest motorcycle manufacturer and eighth largest automobile manufacturer. To Increase the automobile sales in the global market, Honda proposed unique application which is expected to improve on the automobile security and offer better service to the customer base.

Helps to safeguard customers from thefts.

1. **Lock synchronization:** Car owner can synchronize the alarm security pad up to 2 US Phone numbers and every alarm security pad comprise of a unique ID number and this ID number acts as Incoming call for threat.
2. **Application Installation**: Motorcycles and automobiles which are up to 3 years older will have a free installation.
3. **Theft Alert:** When burglar tries to attempt to unlock the automobile door for more than 3 minutes and tries to unlock the motorcycle for more than 5 seconds automatically alarm will buzz on their synchronized phone numbers.

Improving the security to Honda automobile and motorcycles will enhance the highest number of sales in world’s market.

1. **Customer Requirements/ Needs:**

To get routed to use this application, customer required to have Android, iOS, blackberry devices or land line with caller ID compatibility.

1. **Cost Analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| S.no | Particulars | Investment in USD | Benefits |
| 1 | Application Support | $200000 | $500000 |
| 2 | Database | $100000 | $250000 |
| 3 | Hardware | $300000 | It can be used for Honda gasoline motors |

1. **Scope**

Honda first came into existence in Japan. With efforts, business plans and strategies today they established plants around the globe. In early 1980’s they came out with electrical motors, garden cleaning motor and during that time where the technology is at the stages of basement they first launched Intelligence robotics, from these research & developments they succeeded with remarkable profits.

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 a great support to their customers to not to get deviated from travel and holiday schedules.

In developing this application, developers, testers, database & operations teams made a road map to achieve this project and to provide satisfactory application support to customers, in such cases plan to project this as user-friendly application.

1. **Business Objective**
2. ***Increase in sales:***

There will be a drastic Increase in automobile sales, since Innovative years Honda popularly known for affordable economy automobile.

1. ***Enhance platform for customers to use alerts:***

This service would encourage existing customers to stay connected with Honda and it attracts new customers.

1. ***Activating service from network provider***

For usage of this application customer needs to activate this service through their network providers

1. **Technical Objectives**
2. ***Developer’s Approach:***

Always upgrade the application package which gets compatible to mobile OS versions.

1. ***Database & Maintenance***  
   customer data logs & phone numbers to be protected from third parties
2. **Benefits**
3. ***Tangible:***

* *As per the recent surveys, customer wants to be connected and secure.*

1. ***Non-Tangible:***

* Customer application assistance is provided for all the new and old customers

1. **Milestones**

|  |  |  |
| --- | --- | --- |
| **S No.** | **Milestones** | **Estimated Date of Completion** |
| 1 | 3 Months - Business Analyst | 12/15/2015 |
| 2 | 4 Months – Development Team | 04/15/2016 |
| 3 | 3 Months – Testing Team | 07/15/2016 |
| 4 | 2 Weeks – Project Deployment | 08/1/2016 |

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. **Project Organization**

**Key members to Include-**

Director – Steven Lacroix

Project Sponsor – Fredrick Alex

Business Analyst’s – Ravindra Sanap, Campbell Hillary, George Bush

Project Manager’s – Swapna Kondala, Abhishek Panthangi, Hector Martin,

Technical Lead’s – Diana Potter, Heven Timothy, Steve Mikula

Development Lead’s – Steve Waugh, Ricky Pointing, Christiana Douglas

Senior Developer’s – Arindham Chakrapani, Muthuswamy Alugwel, Sania Mirza

QA Lead’s – Chris Douglas, Priyanka Chopra, Krishna Mohan

Database Admin’s – Ramakrishna Krothapalli, Vinay Chikkata, and Prateek Patel

Deployment Lead – Sharaf Mouhab

1. **Project Manager authority and responsibilities**
2. **Business owner agreements**

* Project needs to developed and designed by UI as per the project blue layout.
* Tester’s should make this application bug free before release into market
* If there is a delay in project need to Informed prior with meetings and up to date presentations
* Project should go live with +5 or -5 of the assigned budget.

1. ***Approvals***

* Steven Lacroix (Director) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Fredrick Alex (Project Sponsor)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Sharaf Mouhab ( Deployment Lead)\_\_\_\_\_\_\_\_\_\_\_\_\_