LOW-PROFILE HIGH-PERFORMANCE GPS Cat Collar

11/03/2022

# Overview

## Project Background and Description

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| --- | --- |
|  | Describe how this project came about, who is involved, and the purpose.  Note: To delete any tip (such as this), select it and start typing. If you’re not yet ready to add your own text, select a tip and press spacebar to remove it. |

The purpose of this document is to define and describe project requirements and to understand key deliverables and the means in which they will be delivered.

This project is intended to solve a lack of slim cat collars with the ability of live cellular GPS tracking within Australia. As dog collars are usually to bulky, we aim to create a collar that is both minimalistic in design and provides live and highly accurate tracking capability.

## Project Scope

|  |  |
| --- | --- |
|  | Project scope defines the boundaries of a project. Think of the scope as an imaginary box that will enclose all the project elements/activities. It not only defines what you are doing (what goes into the box), but it sets limits for what will not be done as part of the project (what doesn’t fit in the box). Scope answers questions including what will be done, what won’t be done, and what the result will look like. |

The Low-Profile High-Performance GPS Cat Collar is a high accuracy device with a minimalistic design, aimed to fit cats with slim necklines. This device will be one of the few working Cellular GPS tracking collars in Australia and will offer real-time tracking anywhere within range of a cellular tower. Accompanying the device is a web-based tracking application which will provide real time tracking data of the collar’s current location.

## High-Level Requirements

The design of the collar itself must adhere to the following:

* Device must be slim around the cat’s neck i.e. not bulky, heaving or irritating to the cat (subjective)
* Quick side release buckle
* High quality plastic to ensure it’s resistant to physical trauma
  + Explosion proof
* Waterproof

The GPS device must adhere to the following:

* Cellular tracking with Australian carriers
  + Telstra, Optus, Boost and cheap other cheap carriers
* Must have a battery life of at least 48 hours
* May be rechargeable
  + Depending on battery size limits
* Must provide a location on request of the application
  + Or at all times – depending on the technology

The web-based application must adhere to the following:

## Deliverables

|  |  |
| --- | --- |
|  | List agencies, stakeholders or divisions which will be impacted by this project and describe how they will be affected by the project. |

## Affected Parties

|  |  |
| --- | --- |
|  | List business processes or systems which will be impacted by this project and describe how they will be affected. |

## Affected Business Processes or Systems

|  |  |
| --- | --- |
|  | Describe any specific components that are excluded from this project. |

## Specific Exclusions from Scope

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| --- | --- |
|  | Describe how you plan to implement the project. For example, will all parts of the project be rolled out at once or will it be incremental? What will be included in each release? |

## Implementation Plan

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| --- | --- |
|  | Include recommendations that lead to your proposed solution. Summarize what you’re proposing to do and how you’re going to meet the goals. You’ll be able to expand on the details within the ‘Our Proposal’ section. |

## High-Level Timeline/Schedule

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| --- | --- |
|  | Describe what the high level timeline/schedule will be to plan, design, develop and deploy the project. Generally, by when do you expect this project to be finished? |

# Approval and Authority to Proceed

We approve the project as described above, and authorize the team to proceed.

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| --- | --- | --- |
| Name | Title | Date |
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| Approved By |  |  | Date |  | Approved By |  |  | Date |