

# Vision Document

## For

# Pokémon Go Back

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## **1.1 Purpose**

The purpose of this document is to give an overview about an application. It provides an overview about the game. Project's major goal is to provide lightweight standalone Pokémon go back application which leads to enhance the user experience.

## **1.2 Scope**

This Vision Document applies to the Pokémon Go Back application. This interactive standalone application is developed to assist users to utilize their free time in an interesting way. The Pokémon Go Back game will give an addicting experience to the user. This application is developed for one-player mode and AI will act as an opponent player. Application is particularly developed for Windows operating system.

## **1.3 Definitions, Acronyms, and Abbreviations**

- AI- Artificial Intelligence
- GUI- Graphical User Interface
- PGB-Pokémon Go Back
- COCOMO-Constructive Cost Model
- KLOC-1,000 Lines of Code
- SRS-Software Requirements Specification
- SDS-Software Design Specification
- http-Hypertext transfer protocol

## 2.1. Problem Statement

The problem of	Developing Pokémon card game but it must be standalone
Affects	Project manager, Process Engineer, Implementer, Tester, GUI-designer, Software Architect, Technical writer, System Analyst, Customers
The impact of which is	Existing problem requires stable internet connection to play the game smoothly.
A successful solution would be	Standalone that means no external interfaces or other components required to run it successfully

## 2.2. Product Position Statement

For	User space is quite large but majorly for a person named Stuart Thiel
Who	Our customer is a professor from his occupation. To spend his spare time efficiently he wants to play simple standalone game.
The Pokémon Go Back	is a Standalone Game.

That	Provides interesting and addictive environment for user. Furthermore, it is a standalone game does not need any external interface and also do not have any dependencies.
Unlike	Pokémon card game online version but it requires stable internet connection.
Our product	Provides users with means of utilizing their time efficiently in astonishing way. This game has user friendly interface.

### 3.1. Stakeholder Summary

Name	Description	Responsibilities
Project Manager	Provides oversight for process	manages the role and responsibilities of team members
Process Engineer	Measures results and coordination	leads the definition and refinement of the development case
Implementer	writes tests and code	Implement the stable requirements and test those implemented requirements to make is sure that developed system conforms the needs.
Tester	plans and sets up system tests	Writes and develops system tests to validate the system functionality as well as various constraints.

Software Architect	supervises architectural vision	establishes and maintains architectural vision
System Analyst	oversees requirements analysis	Analyze the gathered requirements to make them more concrete and stable for the development process.
GUI Designer	makes it useable by actual humans	designs effective graphical user interface which leads to better user experience
Technical Writer	writes documentations	provides technical documentation regarding project
User	uses the application	explores the game in actual

### **3.2. User Environment**

Game involves only one user and AI will play the role of opponent which is always fixed. Task Cycle is a rotation of task statuses or behaviors that are connected to executing a task. There are different conceptions of task cycles, but in general it is a tool to approach and manage a task and to control efforts of task participants.

**We can adduce the following schema (Steps of task cycle):**

**1st step:** defining a task purpose (what we are going to achieve);

**2nd step:** creating the task base (creating action plan, consolidating resources, etc);

**3rd step:** task execution (realization of the action plan by efforts of the task resources);

**4th step:** monitoring task execution and providing an encouraging or corrective feedback;

**5th step:** controlling and verifying the task results (giving acceptance or requesting redo);

**6th step:** acknowledging task performance with rewards, thanks.

It is a Standalone game build only for Windows Operating System.

There is one application Trading Card Game Pokemon which is available and also some more card based games.

Our application is standalone desktop application which does not need to integrate with them.

## 4. Product Overview

### 4.1. Product Perspective

This is a standalone desktop application which is independent and totally self-contained. There is no particular environment required for it.

### 4.2. Needs and Features

Need	Priority	Features
To start the game	High	Basic Pokemon
To be able to attack the opponent	High	Energy
To increase the damage of opponent	Normal	Ability
To decide the turn	High	Random Selector
To exchange the active card with one of the bench cards	Normal	Retreat
To avoid the mulligan state	High	Shuffle the Deck
To play the game	High	Active Pokémon

### 4.3. Alternatives and Competition

There is one application Trading Card Game Pokémon which is available and also some more card based games.