



# 12th April 2021

I am pleased to present **Pokedex 1.0**

## Introduction

Pokedex REST API that returns Pokemon information. Given a Pokemon name, returns standard and/or translated Pokemon description and additional information.

## What is new in Version 1.0

Pokedex version 1.0 is the first version of its service life cycle. Pokedex is deployable in Docker Container. This release will facilitate by providing two REST api.

## Compatible Products

This product has been tested on the following platforms and hardware products.

| #Item | Hardware Product   | Platform | Port  |
|-------|--|----------|-------|
| 1     | Window operating system and running on window docker container | 8000     | 80    |
| 2     | MongoDB database running on windows docker container           | 27017    | 27017 |

## Upgrades

Pokedex version 1.0 is the first version of his life cycle. The upgradation from previous product to new one will be effected from next release.



## New Features

| Ref#  | Name                           | Description  |
|-------|--------------------------------|--|
| API 1 | Basic Pokemon Information      | Given a Pokemon name, returns standard Pokemon description and additional information.   |
|       |                                | JWT Authentication is required with it's defined algorithm, payload structure and encoding formula if token is enabled from configuration. |
| API 2 | Translated Pokemon Information | Given a Pokemon name, returns translated Pokemon description and other basic information   |
|       |                                | JWT Authentication is required with it's defined algorithm, payload structure and encoding formula if token is enabled from configuration. |

## Known Bugs and Limitations

| Ref# | Name            | Type       | Description   |
|------|-----------------|------------|---|
| 1    | Cache Mechanism | Limitation | As this version doesn't release any POST/PUT API which will be applied to the cache mechanism and GET API will check information before going to check in the database. |

## Dependencies

### Installation

Installation and deployment file is explained it's installation and deployment documentation.

### Database

Pokedex version 1.0 requires a non relational database MondoDB. In configuration file, Please specify the database host, database name and collection name. If you don't want to change any configuration then it will create based on it's default configuration.

### Logging

To see the log level wise logging, please specify the logging path from app configuration.