**Phase 5-Course-end Project 1**

**Pokemon Search Application**

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**DESCRIPTION**

In the world of pokemon, where the user should be able to search  for different pokemons, you have to create an application to search them with the following functionalities:  
The Pokemon application should have the list of pokemon details which will be provided in the form of JSON data i.e., it should have name, image, CP, attack, defense type etc.  
It should have a search bar so that user can search the pokemon based on the name of pokemon.

Since we have many pokemon, apply pagination, so that user can only see 10 pokemon at a time.

**Project Overview:**

This is a simple single page application developed in react where user can able to see the list of pokemons and their images with details like CP, Attact , Defence… etc

This data is taken as a json format we can use json server but since there are no add and delete operation here I am declaring the data in a file and importing that file so I can use that Pokemon data

Pagination is the important part where at a time page should only display 10 pokemons at a time and the page should display on what page the user should be.

In the project Many Advance concepts are used like React Bootstrap(BootstrapTable) by which the whole project is dependent by using this pagination searching is made easy

**Sprint Planning:**

|  |  |  |
| --- | --- | --- |
| **Sno** | **Sprint** | **Duration** |
| **1** | Json format is defined on how the Pokemon data should be | 1-day |
| **2** | Bootstrap table is used to code the features like pagination filtering and etc | 3-days |

**Concepts Used:**

React Bootstrap Table

Pagination Factory

Filter Factory

Text Filter

Json Data Format

**Project Git hub link:** [Github Pokemon Search Project](https://github.com/Naren487/Teksystems/tree/main/Phase%205/pokemon_search)

**Conclusion and Unique Selling Points:**

This is a simple single page react application where users can view and search the different pokemons in future instead of tables card view can be implemented