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Advanced .NET

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Term Project Documentation

**Problem Statement**

After playing Elden Ring for a while, players can run out of tasks within the game. Players can also feel stuck trying to level up before a boss fight and get bored of the enemies around their current location. This application would help with these problems by finding enemies in the same map area as the player to go and fight, creating a new task for the player to accomplish.

**Objectives**

The application will pull information on bosses and regular monsters within Elden Ring and pick a monster to display to the user based on certain search information. The user can ask for a random monster anywhere on the map, at a specific section of the map, or search based on the drops of the monster. The application will then display the name, full locations, drops, and image for the monster selected.

**Limitations**

* When searching for monsters based on what they drop, the item searched for is case sensitive which makes it harder for users to use this functionality.
* Not all the monsters within Elden Ring are within the API that is used, so it is not 100% accurate.
* Not all the monsters pulled from the API have photos, so some will not be shown to the full extent.
* The locations the user can search for monsters in is limited to the larger main sections instead of specific areas.
* The drops for the monsters do not always include everything they drop. The runes dropped are frequently not accurate or not included. Smaller items are not always included either.

**Nonstandard .NET Libraries**

Newtonsoft.Json - <https://www.newtonsoft.com/json>, version 13.0.3

**Other Outside Resources**

<https://eldenring.fanapis.com/>

**Sample Outputs with their Inputs**

Input – Location: Altus Plateau

A screenshot of a computer

Description automatically generated with medium confidence

OR (Since it is randomly selected from that area, so there are more options if you click the button again)

A screenshot of a computer

Description automatically generated with medium confidence

Input – Drops: Greaves

A screenshot of a computer

Description automatically generated with medium confidence

OR (Again, just by clicking on the Find button again)

A screenshot of a computer

Description automatically generated