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| **Name of Use Case:  UserAccountCreation** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: Creates an account for the user.** |  | | |
| **Actors: User** |  | | |
| **Preconditions: None** |  | | |
| **Postconditions: The user will have an account** |  | | |
| **Flow:**  **1. The customer will type in their name to create an account.** |  | | |
| **Alternative Flows:**   1. **None, it will take any string as input.** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  UserAccountList** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: List of user accounts** |  | | |
| **Actors: User** |  | | |
| **Preconditions: User has an account** |  | | |
| **Postconditions: User will be able to access Pokemon team recommendatons.** |  | | |
| **Flow:**  **1. When the user creates an account, the Users name will be stored.** |  | | |
| **Alternative Flows:**   1. **If name is in use, it will warn the user and request a different name.** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  UserVerification** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: Verifies user.** |  | | |
| **Actors: User** |  | | |
| **Preconditions: Account stored in Account List** |  | | |
| **Postconditions: User has an account.** |  | | |
| **Flow:**  **1. Before service is provided, user will have to verify an account.** |  | | |
| **Alternative Flows:**   1. **Failure to verify will request the user to create a new account.** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  Pokemon List** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: Container for Pokemon** |  | | |
| **Actors: User** |  | | |
| **Preconditions: User is verified** |  | | |
| **Postconditions: The user will be able to build or request a team** |  | | |
| **Flow:**  **1. The user, once verified, will be able to save a build team to user team list.** |  | | |
| **Alternative Flows:**   1. **None, this feature will only work if the user is verified.** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  UserTeams** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: Container for teams of a user.** |  | | |
| **Actors: User** |  | | |
| **Preconditions: User must have saved a built team** |  | | |
| **Postconditions: The user will have access to users’ team** |  | | |
| **Flow:**  **1. The customer will select various Pokemon to add to his or her team, then upon saving, will have a team saved to that users account.** |  | | |
| **Alternative Flows:**   1. **None** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  PokemonMoves** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: List of Moves for a Pokemon** |  | | |
| **Actors: User** |  | | |
| **Preconditions: User must be verified** |  | | |
| **Postconditions: User can select moves from the list for users pokemon.** |  | | |
| **Flow:**  **1. Upon creation of pokemon team, user cans will choose 4 moves from the list.** |  | | |
| **Alternative Flows:**   1. **None** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  pokemonItems** |  | | |
| **Created By:  Ivan Lua Diaz** |  |  |  |
| **Date Created: 4/25/21** |  |  |  |
|  |  | | |
| **Description: Container for list of items.** |  | | |
| **Actors: User** |  | | |
| **Preconditions: User must be verified** |  | | |
| **Postconditions: The user will have access to a list of items for their pokemon** |  | | |
| **Flow:**  **1. upon creation of team, user can choose what item they want for their pokemon from the list** |  | | |
| **Alternative Flows:**   1. **User chooses no items, which in case nothing happens.** |  | | |
| **Exceptions:**  **1. None** |  |  |  |

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| **Name of Use Case:  pokemonNatures** |
| **Created By:  Ivan Lua Diaz** |
| **Date Created: 4/25/21** |
|  |
| **Description: Container for list of pokemon natures.** |
| **Actors: User** |
| **Preconditions: User must be verified** |
| **Postconditions: The user will have access to a list of natures for their pokemon** |
| **Flow:**  **1. upon creation of team, user can choose what nature they want for their pokemon from the list** |
| **Alternative Flows:**   1. **User chooses no nature, which in case nothing happens.** |
| **Exceptions:**  **1. None** |

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| **Name of Use Case:  pokemonRanks** |
| **Created By:  Ivan Lua Diaz** |
| **Date Created: 4/25/21** |
|  |
| **Description: Container for ranks of items.** |
| **Actors: User** |
| **Preconditions: User must be verified** |
| **Postconditions: The user will have access to a list of ranks** |
| **Flow:**  **1. upon creation of team, user can choose what rank they want for their pokemon to come from** |
| **Alternative Flows:**   1. **None, a rank has to be chosen** |
| **Exceptions:**  **1. None** |

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| **Name of Use Case:  natureStatCalc** |
| **Created By:  Ivan Lua Diaz** |
| **Date Created: 4/25/21** |
|  |
| **Description: calculates changes in pokemon stats based off nature selected** |
| **Actors: User** |
| **Preconditions: User select a nature for their pokemon** |
| **Postconditions: The user will be able to see how their pokemons stats where effected by the selected nature.** |
| **Flow:**  **1. upon selection of a nature, the user will see a change of stats** |
| **Alternative Flows:**   1. **none** |
| **Exceptions:**  **1. None** |

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| **Name of Use Case:  pokemonTeamGenerator** |
| **Created By:  Ivan Lua Diaz** |
| **Date Created: 4/25/21** |
|  |
| **Description: Generate Random team for the user** |
| **Actors: User** |
| **Preconditions: User must be verified** |
| **Postconditions: The user will have a random team generated based of criteria chosen** |
| **Flow:**  **1. If user doesn’t know where to start with a team, this will build one** |
| **Alternative Flows:**   1. **User manually builds a team** |
| **Exceptions:**  **1. None** |

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| **Name of Use Case:  suggestedPokemon** |
| **Created By:  Ivan Lua Diaz** |
| **Date Created: 4/25/21** |
|  |
| **Description: Suggets pokemon based off the needs of the user’s team** |
| **Actors: User** |
| **Preconditions: User must have saved a team to their list.** |
| **Postconditions: The user will be given suggestions for pokemon based off what the team needs.** |
| **Flow:**  **1. User requests a suggestion after having a team already built.** |
| **Alternative Flows:**   1. **None** |
| **Exceptions:**  **1. None** |