Hurricane Project Phase One

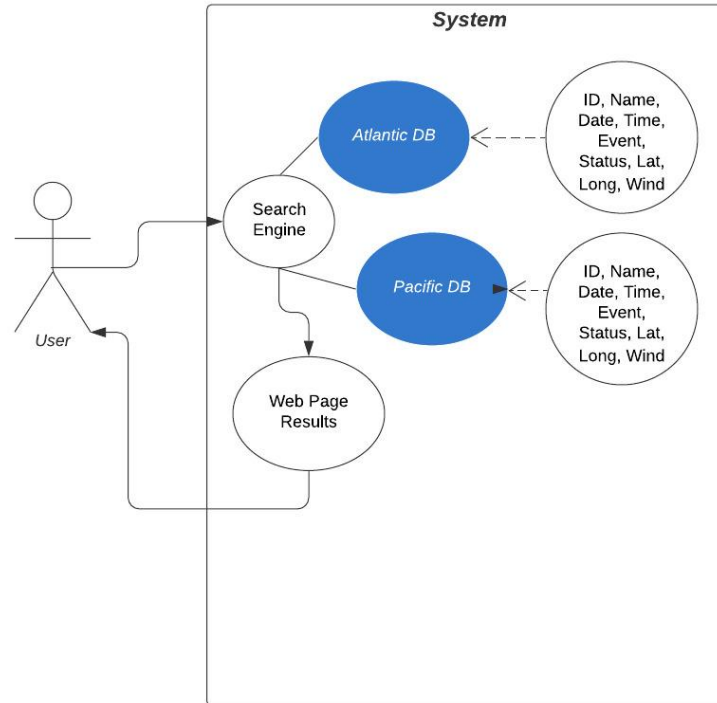Iveth Aguilar, Juan Torres Esquivel
CSE 111 Fall 2021

System Description

- Search Engine
- System will have a web page that will be created using HTML, CSS and JavaScript or Python to access database
- IDE used: Visual Studio Code
- We will use a hurricane Database from Kaggle
- User will type in the name of a location or coordinates and engine will display:
  - Maximum winds
  - Pressure of hurricanes since 1851
  - Coordinates (If not used for search)
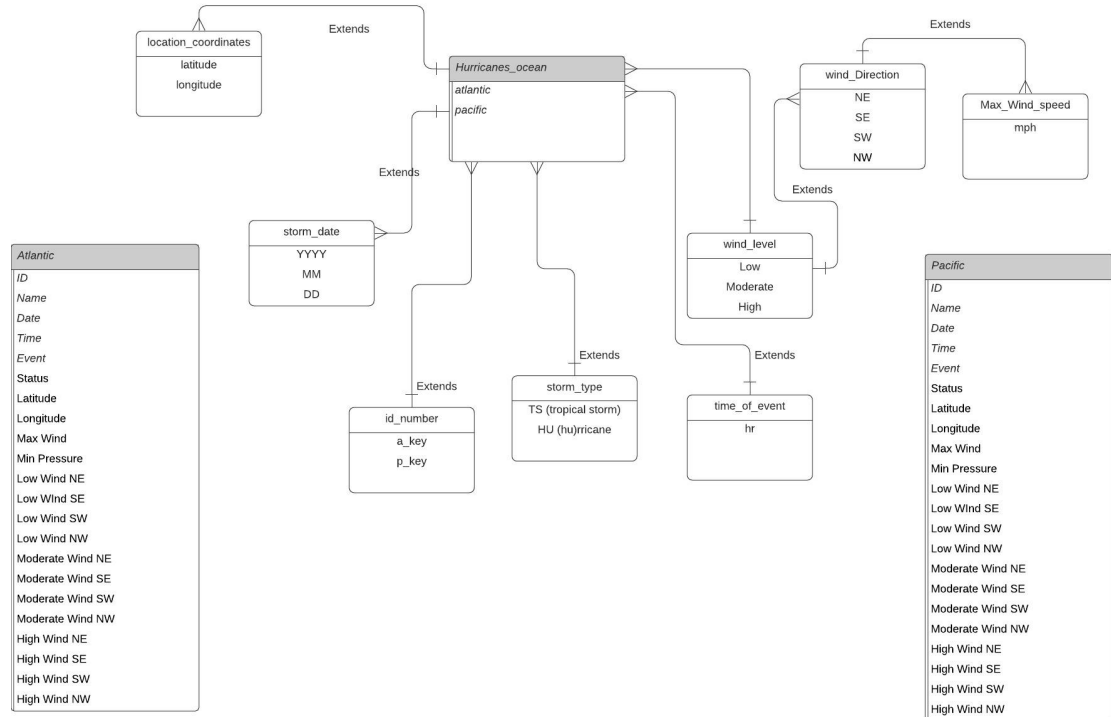 - Wind Speeds and Directions

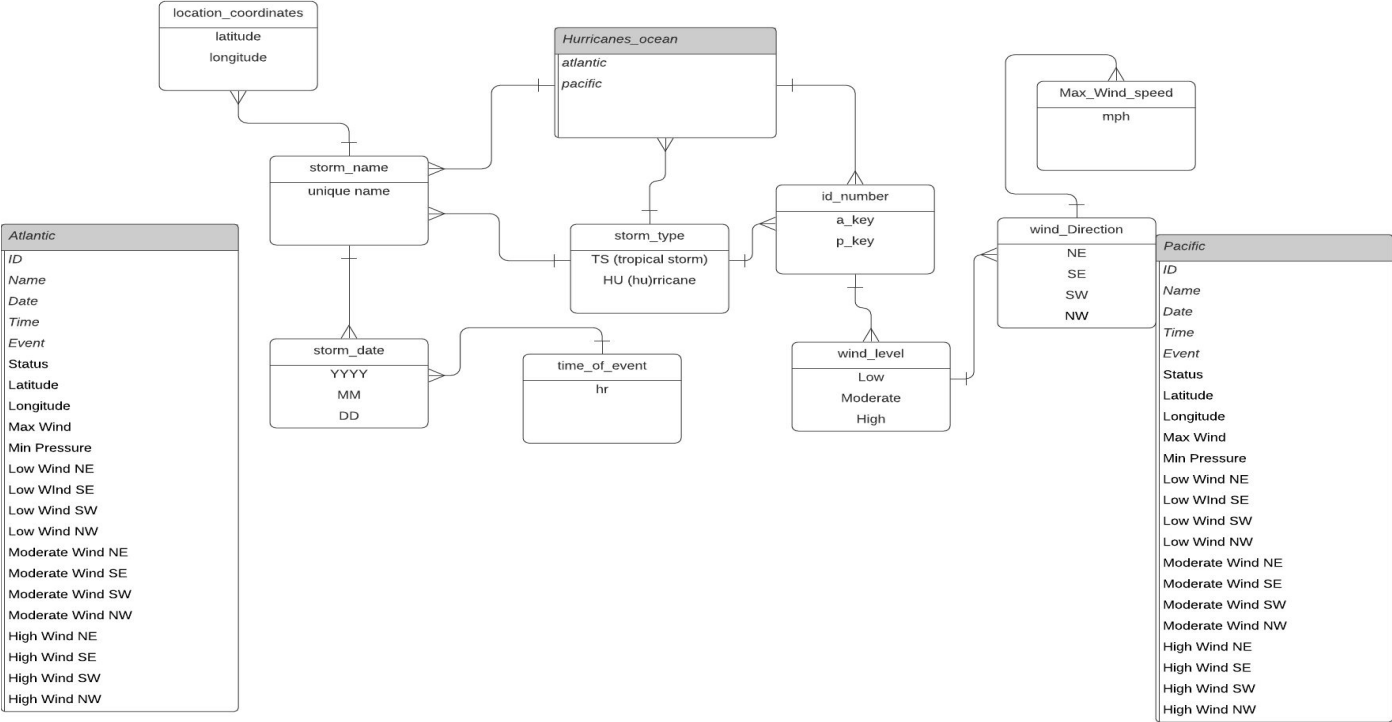# UML USE CASE

E/R Diagram

Hurricane E/R Diagram

Iveth Aguilar , Juan Torres Esquivel, | October 19, 2021

E/R Diagram (Revised)

Hurricane E/R Diagram

Iveth Aguilar , Juan Torres Esquivel, | October 21, 2021

Implementation Details

- We are using database from Kaggle, a CSV file
- The web page will be built with JavaScript (or Python) and CSS.
-

Sources

LucidChart for diagrams

Samples folder from Catcourses for formatting