

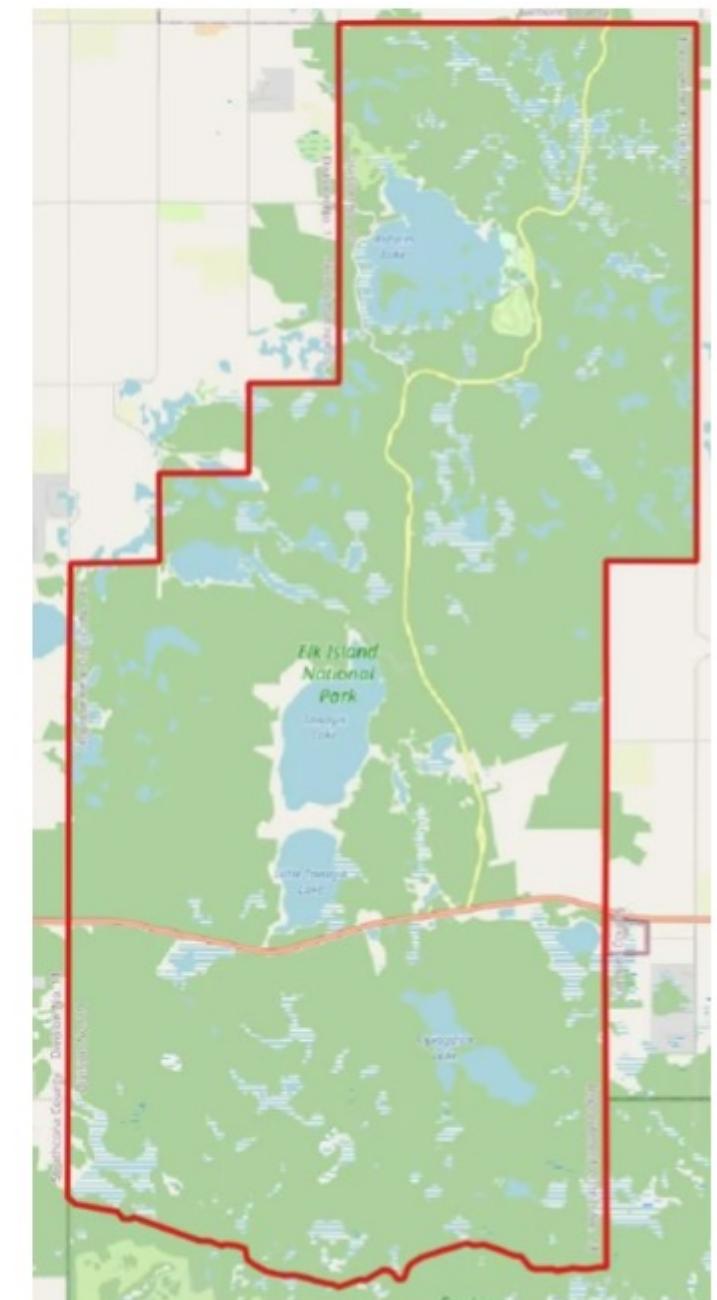
# **Project I**

# **Elk Island National Park**

Antoni, Ivoni, Johnny, Lorenzo, Olga, Sergio

# Elk Island National Park

- Canadian National Park
- 194 km<sup>2</sup> area
- approx. 400,000 visitors annually
- home to over 42 species of mammals
- especially bison and moose



# Bison, Elk, Moose



<https://exploredmonton.com/attractions-and-experiences/elk-island-national-park>



<https://cdn.britannica.com/03/94603-050-D74D3709/elk-American-Yellowstone-National-Park-Wyoming.jpg> <https://www.treehugger.com/moose-facts-5074548>

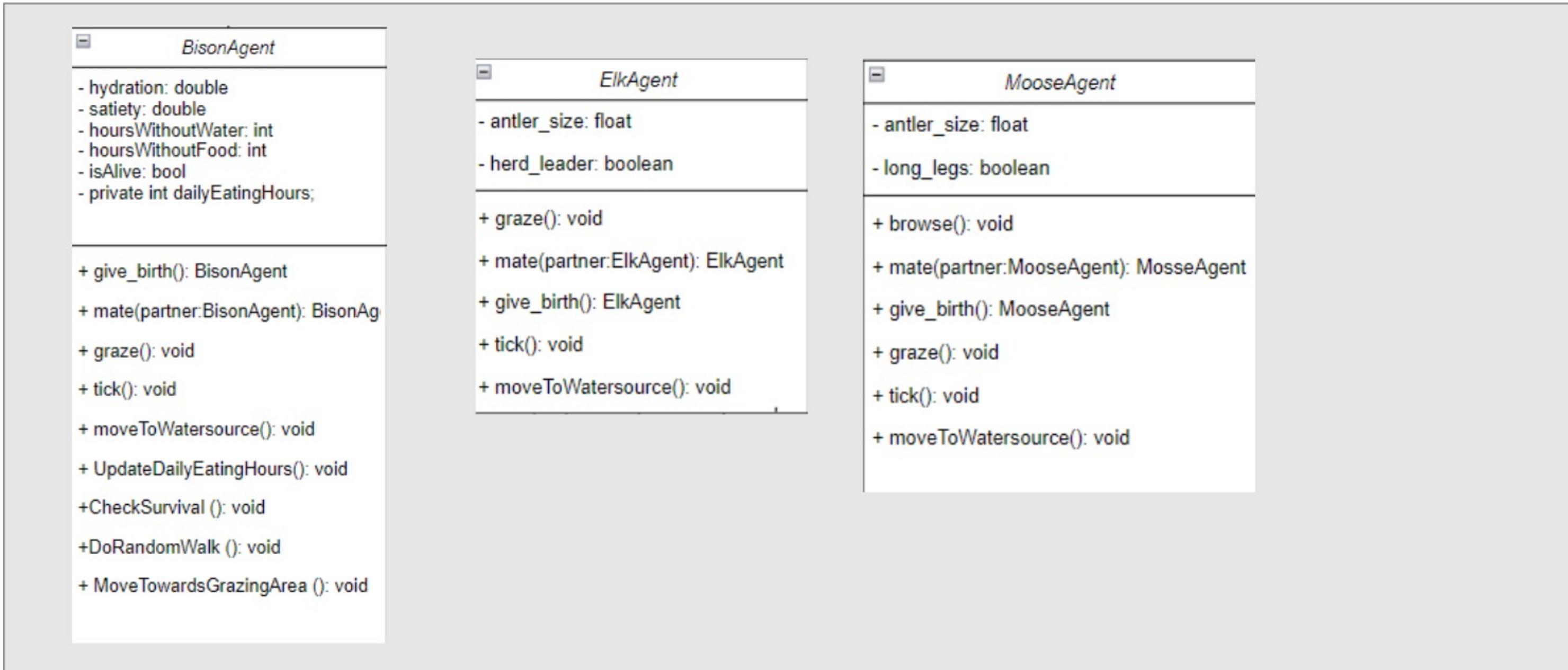


<https://naturealberta.ca/volunteer-with-friends-of-elk-island-society/>

# Goals of the Project

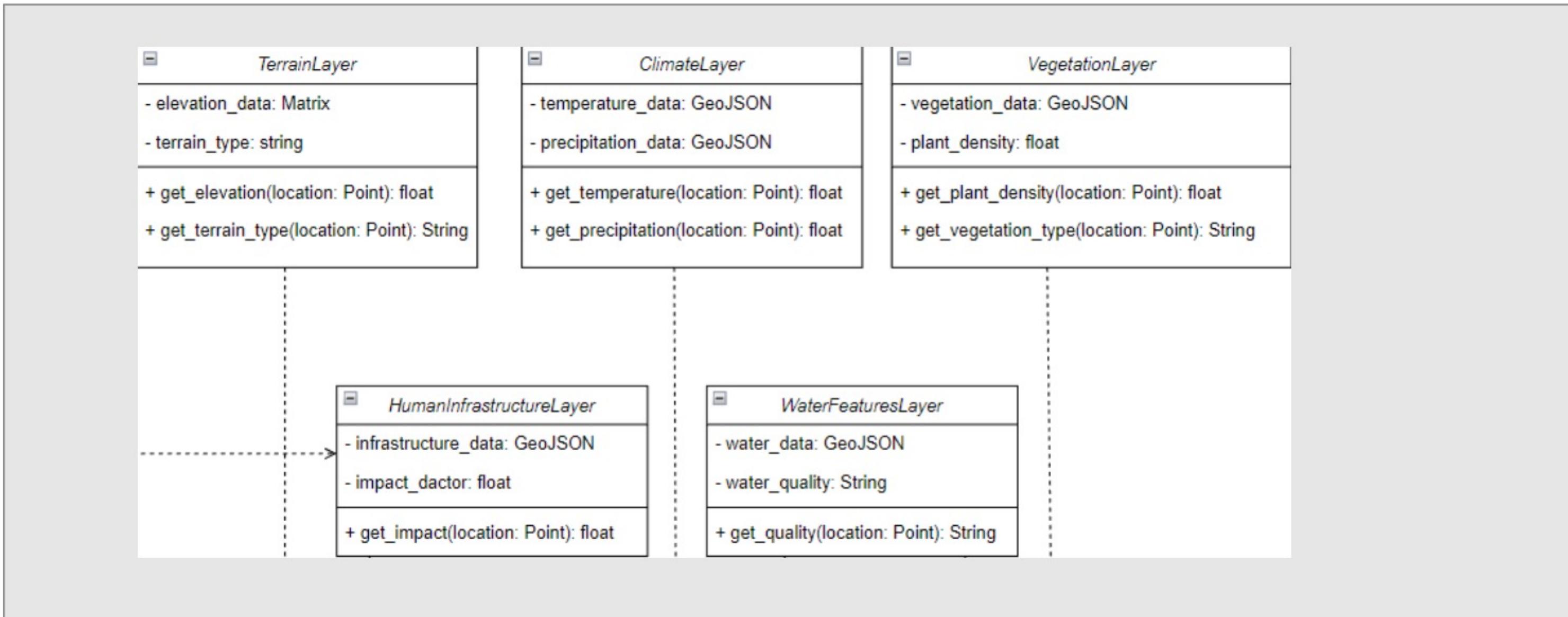
- Simulate animal behaviour in the park to be able to react better to situations
- Determination of the carrying capacity

# Agents



full version: [https://github.com/Red-Sigma/proj-ki-geo/blob/main/design/elk\\_islan\\_np.drawio](https://github.com/Red-Sigma/proj-ki-geo/blob/main/design/elk_islan_np.drawio)

# Layers



**full version:** [https://github.com/Red-Sigma/proj-ki-geo/blob/main/design/elk\\_islan\\_np.drawio](https://github.com/Red-Sigma/proj-ki-geo/blob/main/design/elk_islan_np.drawio)

# Tools and Tech

