Criterion B: Design

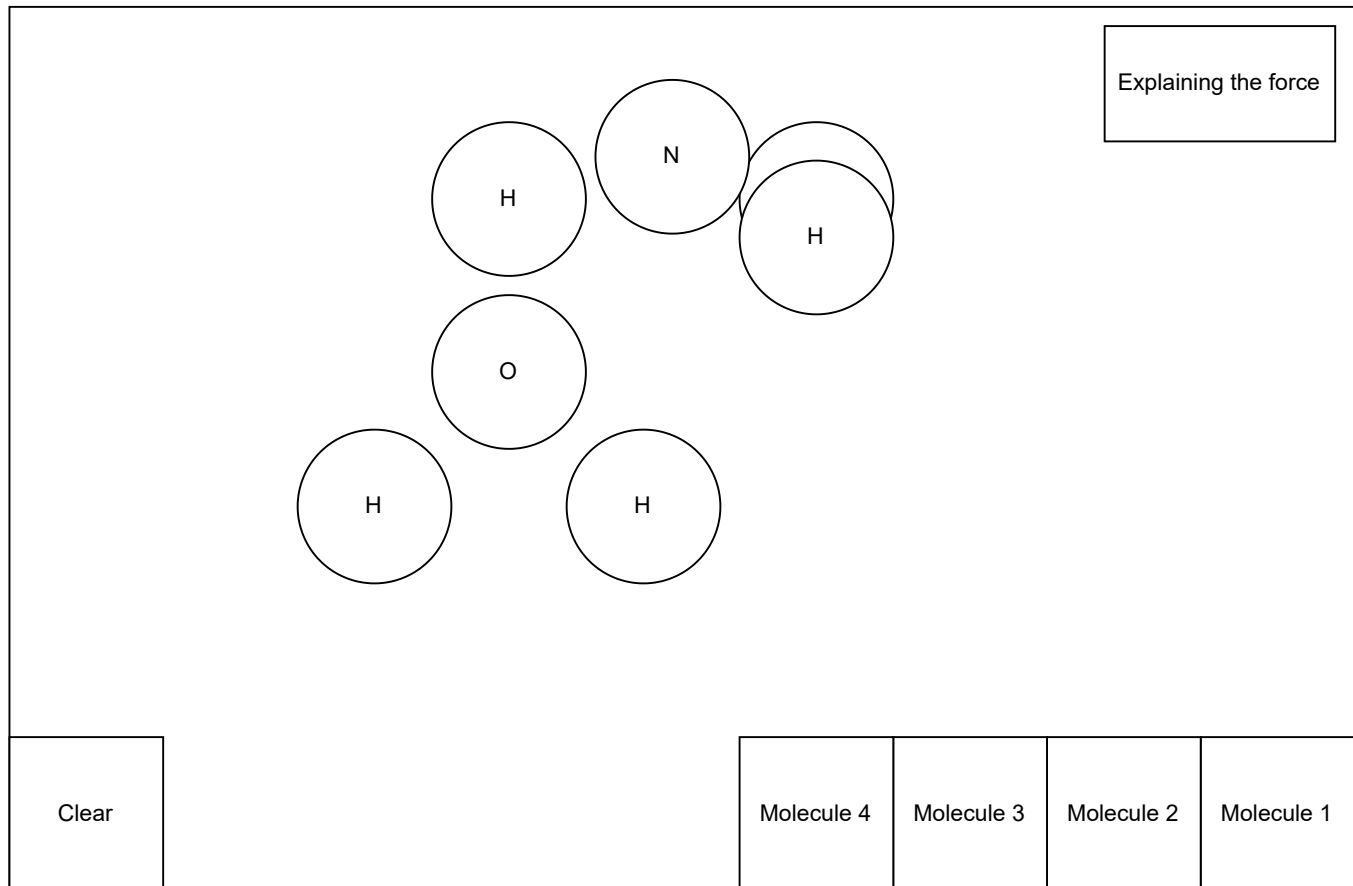Explaining the force

H

N

H

O

H

H

Clear

Molecule 4 | Molecule 3 | Molecule 2 | Molecule 1

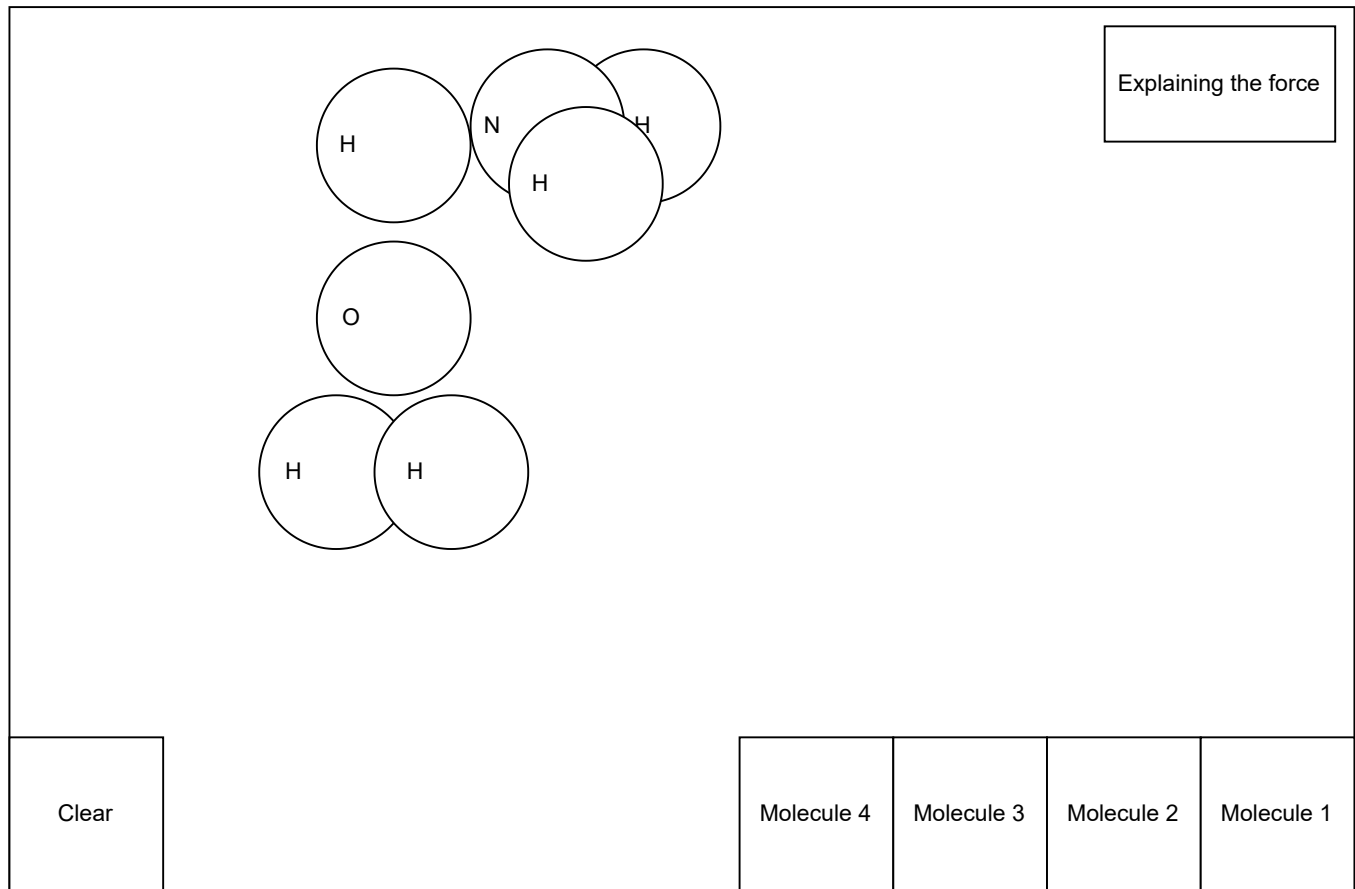After the into and instructions, page, the user is greeted with a
blank canvas with 5 buttons that all explain what they do when
hovered. Once the user has dragged and dropped 2 molecules, it
will animate them an explain the force

Explaining the force

H

N

H

H

O

H

H

Clear

Molecule 4

Molecule 3

Molecule 2

Molecule 1

They may also rotate the camera to see how it interacts in a 3-D way

Flow Chart for logic

```
┌─────────────┐
│    Start    │
└─────────────┘
       │
       ▼
┌─────────────┐
│ Create space│
│ for molecules│
└─────────────┘
       │
       ▼
┌─────────────┐
│Create the area│
│for molecule  │
│choosing      │
└─────────────┘
       │
       ▼
   ◇ Which        ┌──────────┐   ◇ Which second    ┌──────────┐
   molecule  ───▶ │Molecule A│──▶  Molecule?   ───▶ │Molecule C│
   one? ◇         └──────────┘     ◇                └──────────┘
       │                           │
       ▼                           ▼
┌──────────┐                  ┌──────────┐
│Molecule B│                  │Molecule D│
└──────────┘                  └──────────┘
       │                           │
       ▼                           ▼
  ◇ Which second  ┌──────────┐   ◇ Type of          ┌──────────┐
  molecule?  ───▶ │Molecule D│──▶ Intermolecular ──▶ │Ion Dipole│
  ◇               └──────────┘     forces ◇          └──────────┘
       │                                                   │
       ▼                                              ┌──────────────┐      ┌─────────┐
┌──────────┐                                          │Hydrogen Bond │ ───▶ │ Display │
│Molecule C│ ─────────────────────────────────────▶  └──────────────┘      └─────────┘
└──────────┘                                          ┌──────────────┐
                                                      │Dipole-Dipole │
                                                      └──────────────┘
                                                      ┌──────────────┐
                                                      │     LDF      │
                                                      └──────────────┘
```