A domain model is a graphical representation of ideas and how they flow in the system, and not software. Domain models show entities or things, and how they are related. A domain model can tell us the relationships between entities.

In the Environmental System entity, there is a user. The user can be a registered user or a guest. A guest can create an account. Both a registered user and a guest can choose their location, which is then validated, then they access the environmental services, which is the homepage of the application. From there, they can choose to see air quality, water quality, forest quality, predictions, or subscribe. Air quality gets its information from air probes that are close to the location specified. Water quality gets its information from air probes that are close to the location specified. Forest quality gets its information from air probes that are close to the location specified. Prediction gets its information from air, water, and forest probes, then makes a prediction based on the information gathered, and from the algorithm prediction generator.