```
/**
 * Document (in pdf format) describing your results.
 *
 * @author Loi Cheng
 * @version 1.0
 * @since 2020-09-29
 */
```

● Did creating the design help make the implementation easier?
Yes, the document helped greatly in organizing the city, people and device classes to work together. The Astah diagram file also generated a set of java template files for all the defined classes, which saved time because these files do not need to be manually created.

● How could the design have been better, clearer, or made the implementation easier?
The design is all done in memory. It could be better if city, people and device information is stored in a database instead, which probably would reflect more of a real-world implementation.

● Describe any implementation changes that you made to your design and how they continue to support the requirements
The speaker sensor is treated the same as the other sensors (microphone, thermometer, camera, co2meter) since they all have the same 3 properties – type, value, person. This simplified the implementation of the sensors

● Did the design review help improve your design?
The review helped because I can compare my design with others to look for improvements.

● Comments about your design from your peer design review partners
    o   Overall ok, the location can be a custom class instead of an array. Resident and Visitor can be two different classes that extends common properties from the Person class.
    o   Explicitly programmed devices such as vehicles and parking spaces (in one of their implementations they're all just devices). Scaling new devices would need new classes to be added to the model if more device types were added like a smart crosswalk or something.

● Comments provided by you for each of your peer design review partners.
    o   Use of enums instead of strings is good, for types like car bus.
    o   Visitor should only have id, biometric, location info
    o   If all devices are made using the same IoTDevice class, how to handle other inputs that are specific to virtual devices - e.g. street sign text, street light brightness, vehicle fee, etc.?
    o   Overall my design was very similar to that of my teammates