Assignment 2

We decided that the following two properties should be added to the feature model:

- [ ] Property 1: A feature is always on.
- [ ] Property 2: A feature is passive (it can be enabled or disabled).

Outline the steps you would take to verify these properties using formal methods:

1. [ ] Step 1: Define the new properties.
2. [ ] Step 2: Create a formal model to represent the feature model.
3. [ ] Step 3: Use model checking to verify the properties.

Visualizing the feature model helps to determine if the properties are satisfied. Explain how this visualization can be used to verify the properties.

Outline the steps you would take to use model checking to verify the properties:

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Visualizing the feature model helps to determine if the properties are satisfied. Explain how this visualization can be used to verify the properties.