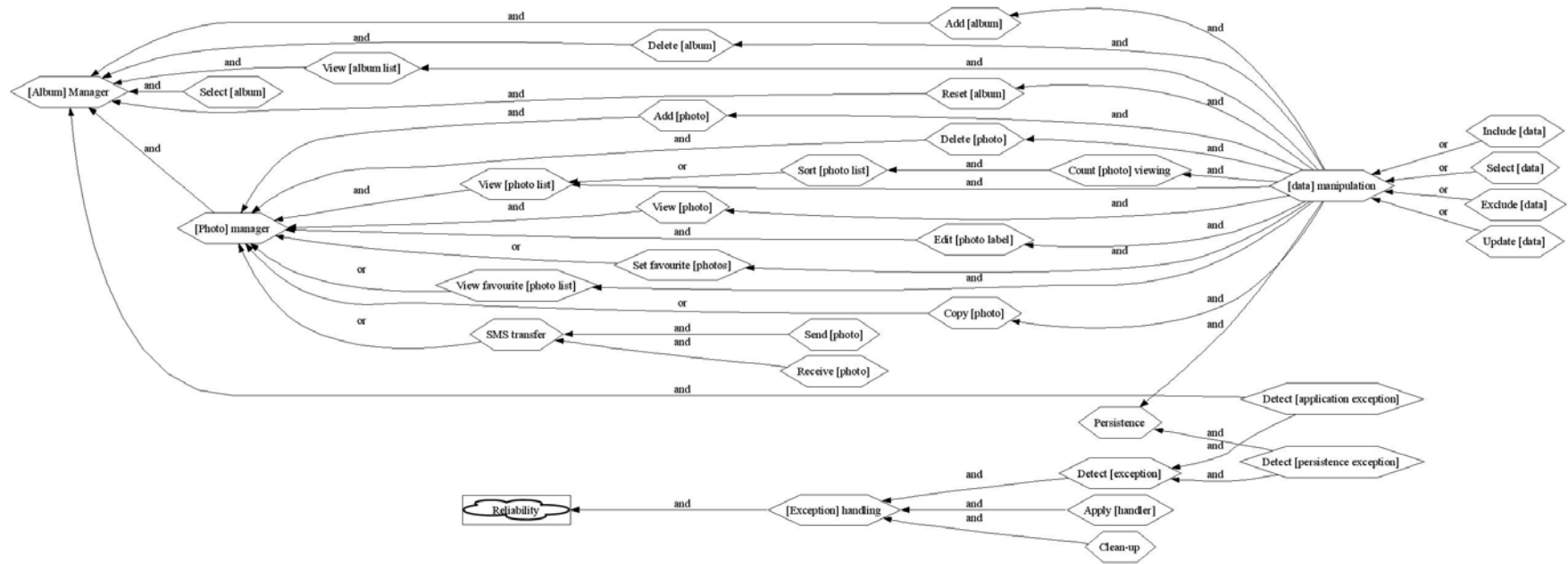
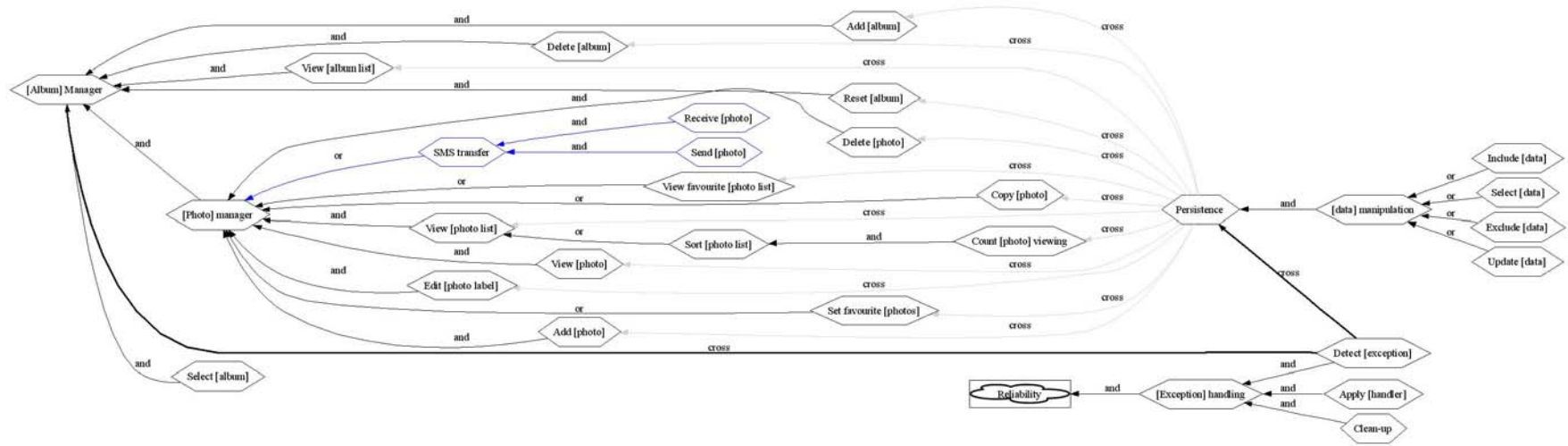


Expanded Goal Model (Release 5)



Shorten Goal Model (Release 5)



BNF (Release 5)

```
goal_model AlbumManagement (GM1) {  
    task [Album] Manager (T1; and) {  
        task Add [album] (T1.1; and) {}  
        task Delete [album] (T1.6; and) {}  
        task View [album list] (T1.2; and) {}  
        task Select [album] (T1.3; and) {}  
        task Reset [album] (T1.5; and) {}  
        task_ref [Photo] manager (T1.4; and)  
    }  
}
```

```
goal_model PhotoManagement (GM3) {  
    task [Photo] manager (T1.4; and) {  
        task Add [photo] (T1.4.5; and) {}  
        task Delete [photo] (T1.4.6; and) {}  
        task View [photo list] (T1.4.9; and) {  
            task Sort [photo list] (T1.4.9.1; or) {  
                task Count [photo] viewing (T1.4.12; and) {} } }  
            task View [photo] (T1.4.10; and) {}  
            task Edit [photo label] (T1.4.11; and) {}  
            task Set favourite [photos] (T1.4.13; or) {}  
            task View favourite [photo list] (T1.4.14; or) {}  
            task Copy [photo] (T1.4.15; or) {}  
            task SMS transfer (T1.4.16; or) {  
                task Send [photo] (T1.4.16.1; and) {}  
                task Receive [photo] (T1.4.16.2; and) {} } } }  
}
```

```
goal_model Persistence (GM2) {  
    task Persistence (T2; and) {  
        task [data] manipulation (T2.1.2; and) {  
            task Include [data] (T2.1.3.1; or) {}  
            task Select [data] (T2.1.3.2; or) {}  
            task Exclude [data] (T2.1.3.3; or) {}  
            task Update [data] (T2.1.3.4; or) {} }  
        crosscutting {  
            source = (Persistence; T2)  
            pointcut (make register operation; P2.1): include(Add.*; task; name) and  
include(Delete.*; task; name) and  
            include(Reset.*; task; name) and include(View.*; task; name) and  
include(Edit.*; task; name) and include(Count.*; task; name)  
            and include(Set.*; task; name) and include(Copy.*; task; name)  
            advice (around): P2.1 {  
                task_ref [data] manipulation (T2.1.2; and)  
            } } } }  
}
```

```
goal_model Reliability (GM5) {  
    softgoal Reliability (S5.1; and) {  
        task [Exception] handling (G5.2; and) {  
            task Detect [exception] (T5.2.1; and) {}  
        }  
    }  
}
```

```

task Apply [handler] (T5.2.4; and) {}
task Clean-up (T5.2.2; and) {} } }
crosscutting {
    source = (Detect [exception]; T5.2.1)
    pointcut (persistence; PC5.3): include(Persistence; T2)
    pointcut (application; PC5.2): include([Album] Manager; T1)
    intertype declaration (element): PC5.2 {
task Detect [application exception] (T5.2.1.4; and) {} }
    intertype declaration (element): PC5.3 {
task Detect [persistence exception] (T5.2.1.3; and) {} } } }

```