OSLC PLM Scenarios

OSLC PLM SE Scenario #1

A Systems Engineer responds to a change in requirements

V0.3

Aug 18 2011

Gray Bachelor

Updates marked ▲

OSLC PLM scenarios

- OSLC PLM SE Scenario #1
  - A Systems Engineer responds to a change in requirements
- OSLC PLM SE Scenario #2 *New*
  - A Product Change owner assigns a change to a product release plan

OSLC PLM SE Scenario #1

A Systems Engineer responds to a change in requirements

Outline of OSLC PLM SE Scenario #1

1. Assign & communicate the change request (a1, a2, a3)
   - Assign change request context
   - Communicate change request
   - Locate change request from notification
2. Apply request context to establish impacted requirements & implementation (a4, a5, a6)
   - Locate requirements in change request context
   - Create new revision of requirements context and reserve for editing
   - Open new revision of context
3. Locate re-usable implementations to meet changed requirements (a7)
   - Located reusable implementation to satisfy change? (A decision that drives alternative flows)

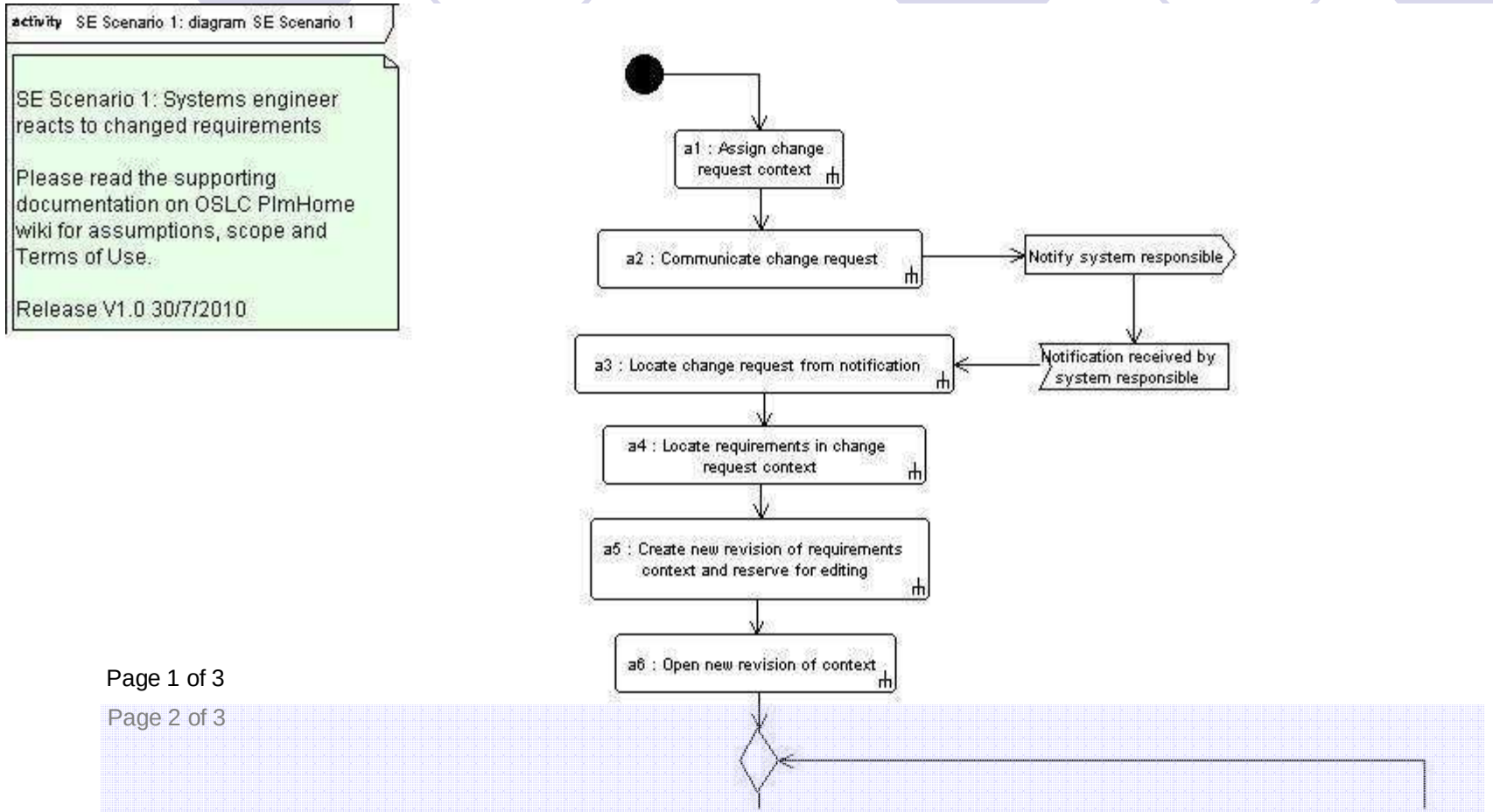
4a. Either update solution by way of adaption of re-usable implementations (a8, a9, a10, a13, a14, a15)
   - Add selected implementation to change request as solution
   - Merge selected implementation into context
   - Trace to discipline responsibility
   - Analyse detailed requirements & existing implementation
   - Design minor updates to existing implementation
   - Design by sub-team needed ?

4b. Or design solution by original design (a10, a11, a12, a15)
   - Trace to discipline responsibility
   - Design new implementation
   - Add new design to change request solution
   - Design by sub-team needed ?

5. Approve change request solution (a16, a17)
   - Passed review of implementation for change request closure?
   - Close change request

* Note: 4 has alternative flows

Scenario Activity Diagram – 1 of 3



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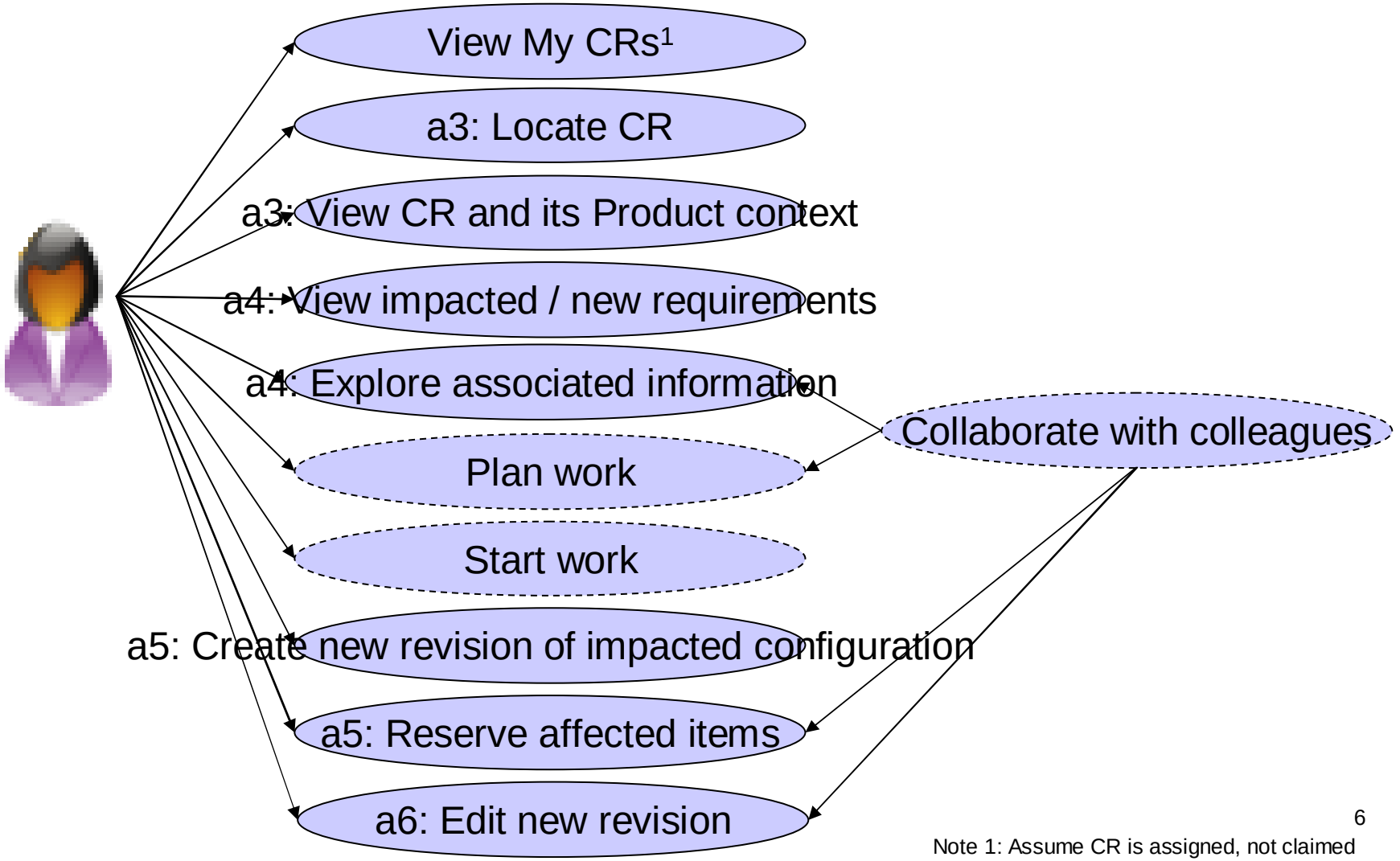
SE use-cases (1 of



Note 1: Assume CR is assigned, not claimed

Scenario Activity Diagram – 2 of 3

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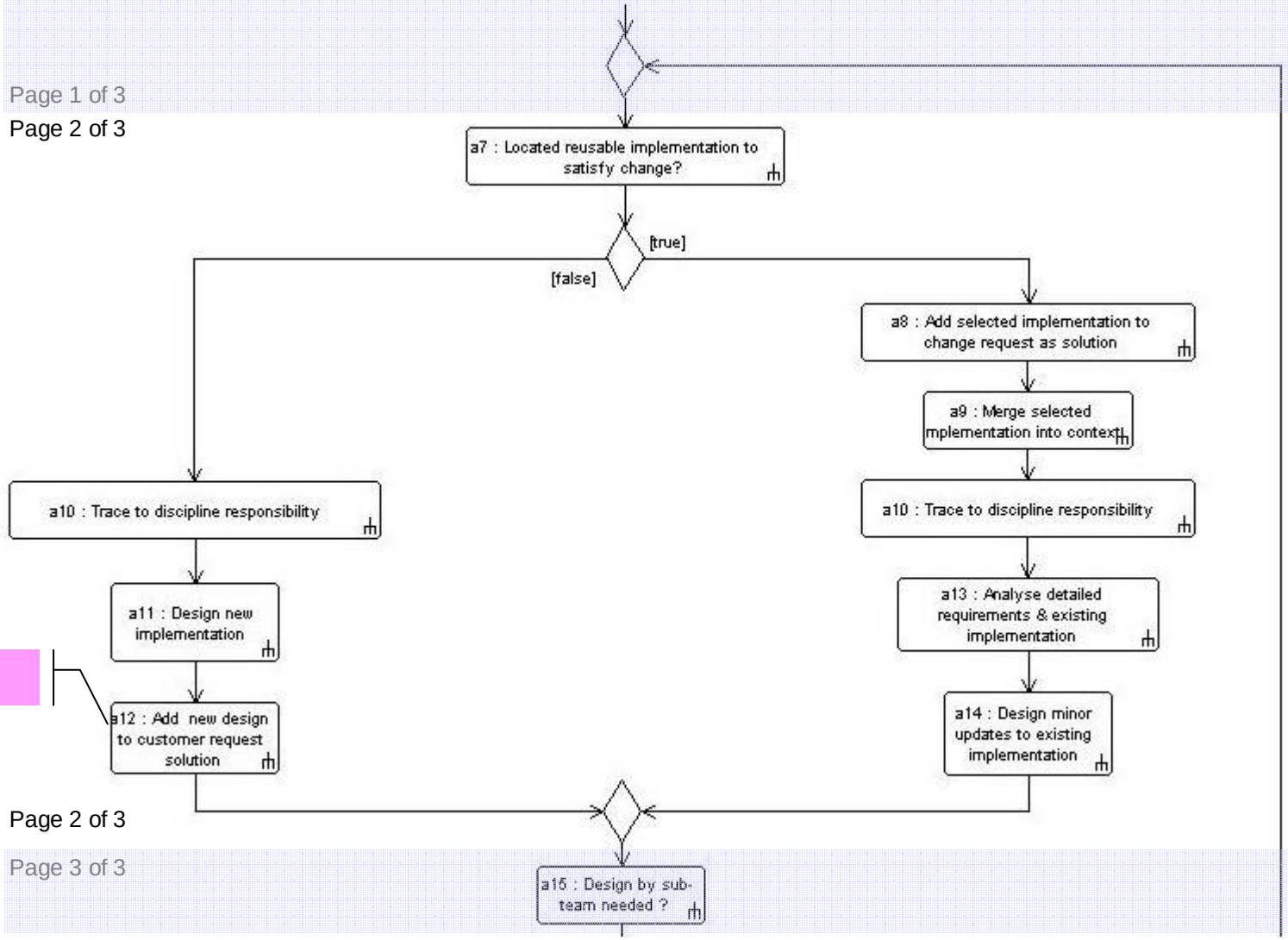

CR

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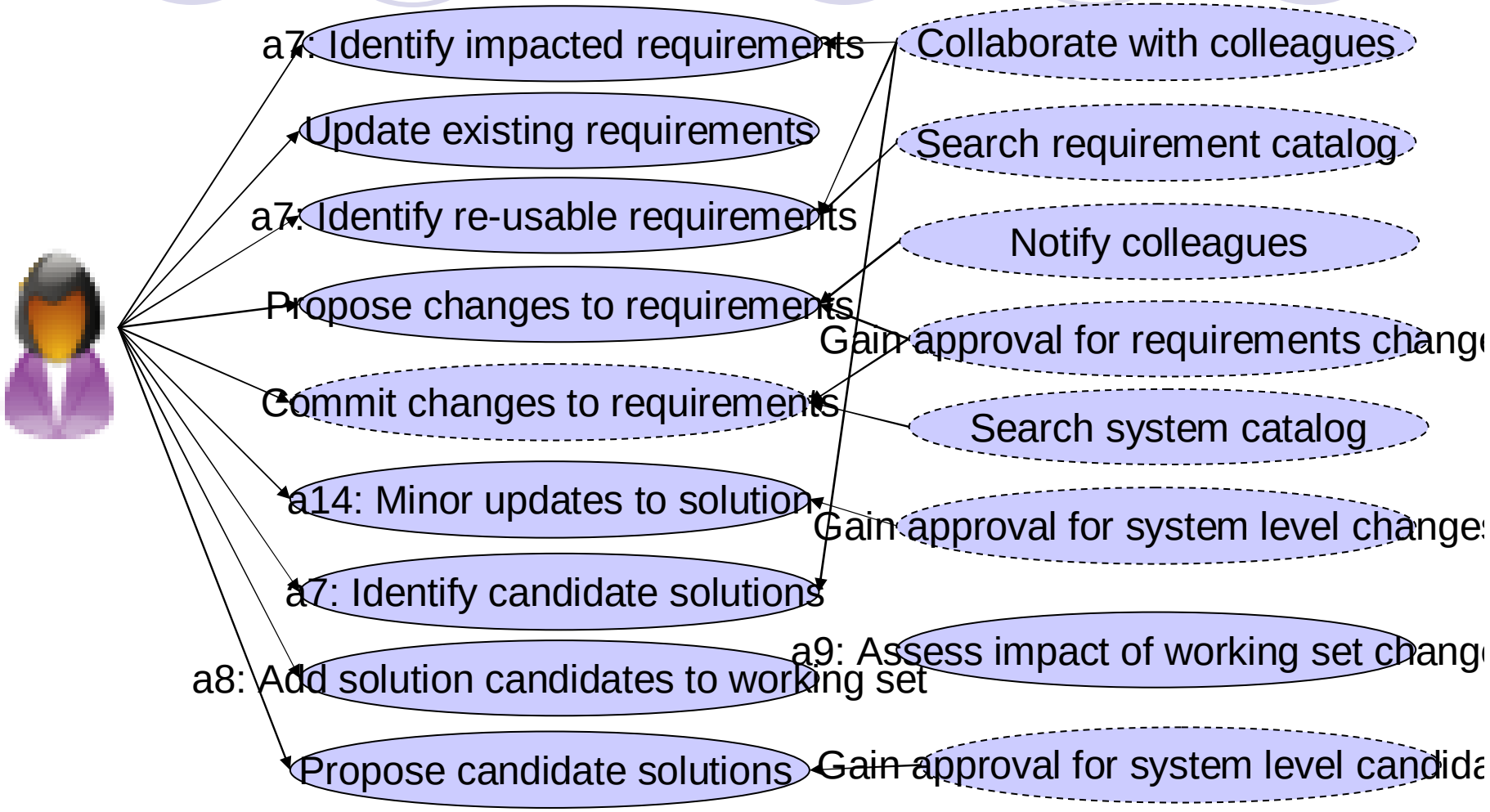
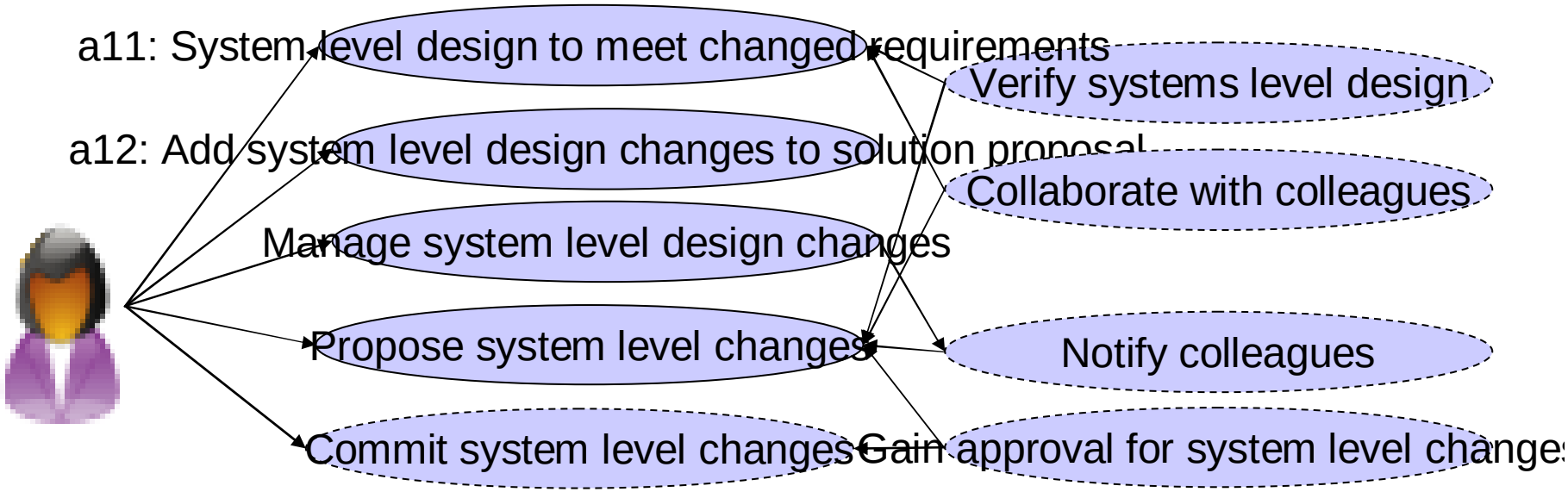
Page 3 of 3

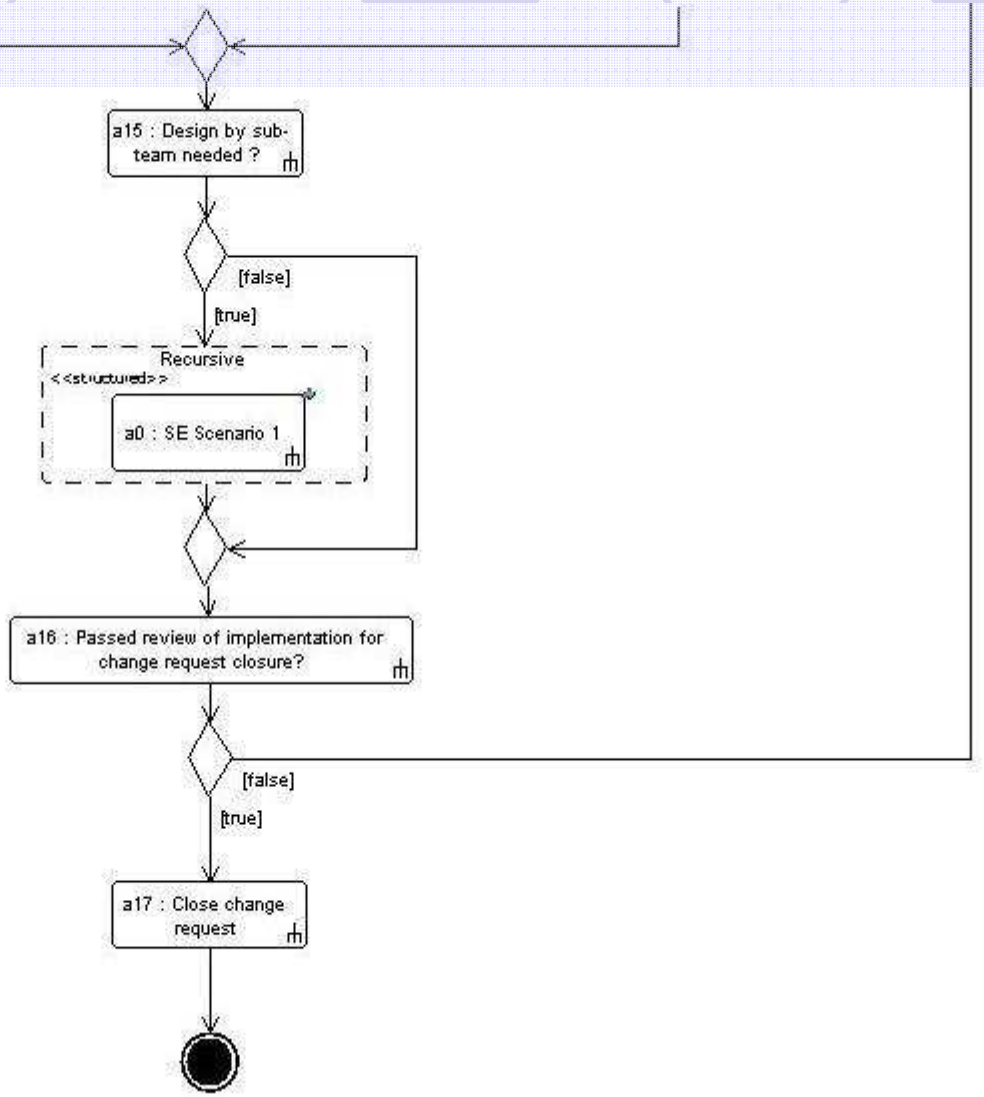
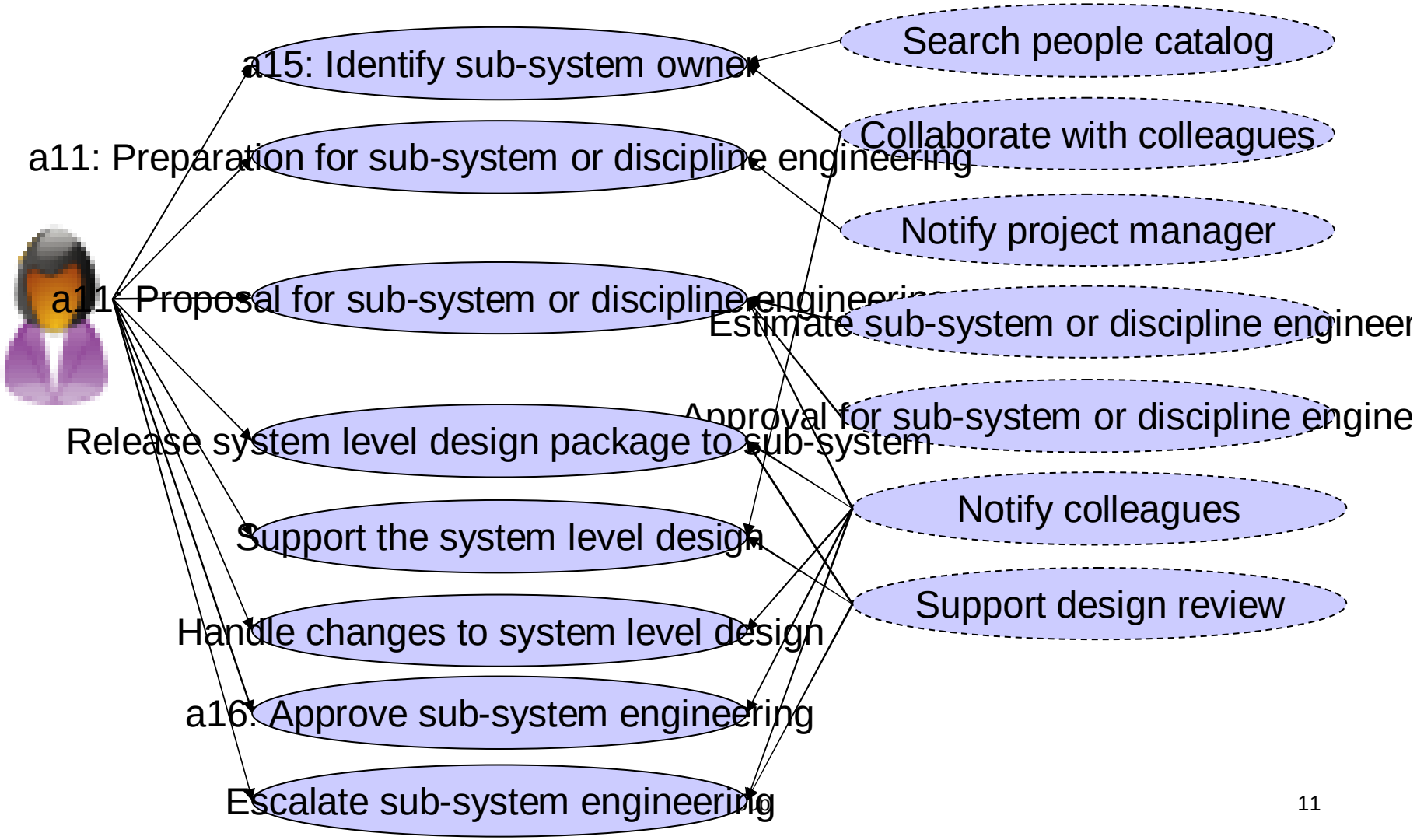
SE use-cases (2 of



SE use-cases (3 of



Scenario Activity Diagram – 3 of 3



SE use-cases (4 of