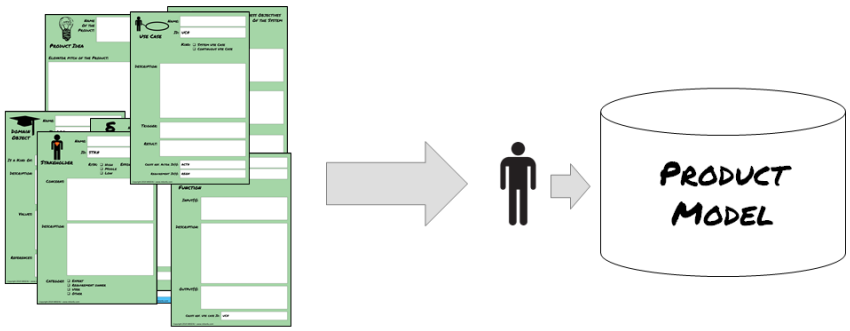
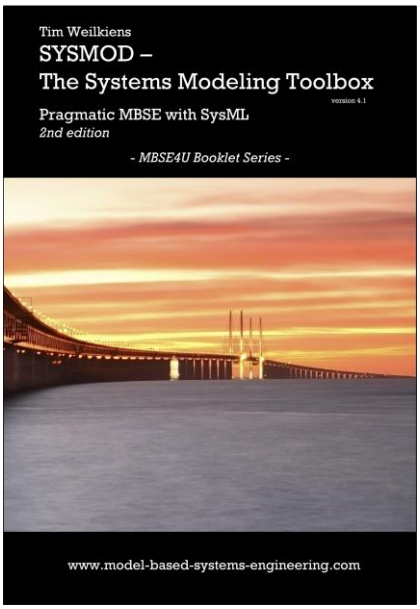
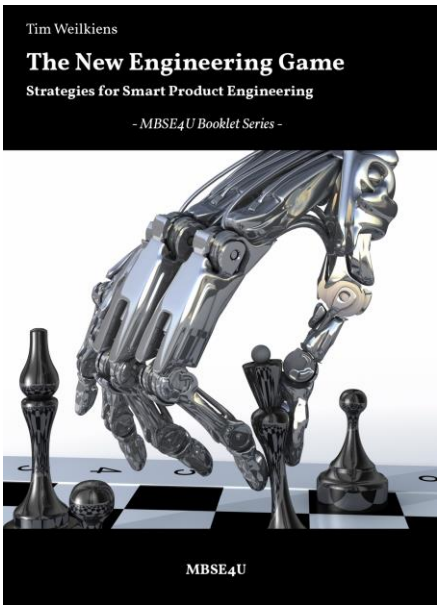
SYSMOD Sketch Cards

The SYSMOD sketch cards help your to grasp the results of a SYSMOD workshop in a structured way and then to enter the outcome in a model.



These books describes SYSMOD or references the SYSMOD Sketch Cards:





Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

MBSE4U

Instructions

Print the cards on A6 or A5.

If you like, the last page of this PDF can be used as the back print of the cards.

Use pens to write on the cards. Pin them on the walls during the workshop.

After the workshop, enter the information on the cards into your product model. The structure of the cards are aligned with the SYSMOD methodology, and makes it easy to map it to appropriate model elements and relationships.

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

Name Of the Product:

Product Idea

Elevator pitch of the Product:

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

System or Business Objectives Of the System

System Objectives

ID: OBJ#

- ❑ System
- ❑ Business

Stakeholder ID: STK#

ID: OBJ#

- ❑ System
- ❑ Business

Stakeholder ID: STK#

ID: OBJ#

- ❑ System
- ❑ Business

Stakeholder ID: STK#

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

Stakeholder

Name:

ID: STK#

Risk: ❑ High ❑ Middle ❑ Low

Effort: ❑ High ❑ Middle ❑ Low

Concerns:

Description:

Category:

❑ Expert
❑ Requirement owner
❑ User
❑ Other

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

§

Requirement

Name:

ID: REQ#

Category:

- ❑ Functional
- ❑ Nonfunctional
- ❑ Constraint
- ❑ Other:

Text:

Cross ref. Owner Stakeholder ID: STK#

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

NAME:

ID: ACT#

PRODUCT ACTOR

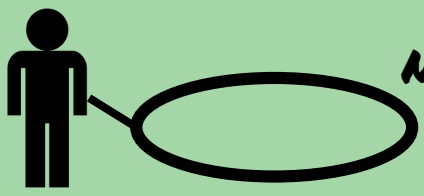
KIND:
- ❑ USER
- ❑ EXT. SYSTEM
- ❑ ENVIRON. EFFECT
- ❑ MECHANICAL

DESCRIPTION:

INTERFACE(S):

CROSS REF. STAKEHOLDER ID: STK#

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology



Use Case

Name:

ID: UC#

Kind:
- ❑ System Use Case
- ❑ Continuous Use Case

Description:

Trigger:

Result:

Cross ref. Actor ID(s): ACT#

Requirement ID(s): REQ#

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

Product Function

Name:

ID: F#

Input(s):

Description:

Output(s):

Cross ref. Use case ID: UC#

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

Domain Object

Name:

ID: DO#

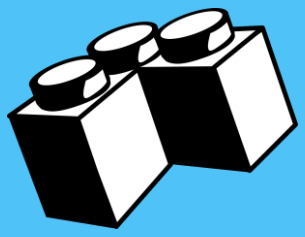
Is a Kind Of:

Description:

Values:

References:

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology



Product Block

Name:

ID: B#

Is a Kind Of:

Description:

Values:

Parts:

Copyright 2018 MBSE4U – www.mbse4u.com – SYSMOD – Pragmatic MBSE Toolbox Methodology

MBSE4U

MBSE4U

MBSE4U

MBSE4U