

Nostradamus: A prototype

SEBA – Web Application Engineering
Group 09

Use Case1: Description

Suggest suitable pattern

- ☐ This use case suggests the best possible patterns that can be used for a specific scenario during software design or development.
- ☐ For a specific user story, the application displays a set of questions in form of a quiz, which the user must answer and submit.
- ☐ Based on the user answers the application suggests the most suitable pattern as a solution for a given user story.

Use Case1: Screenshots

ADD YOUR USER STORY

PHASE1

PHASE2

Add a UseCase Name and UseCase Description that is relevant to you requirement e.g. requirement id, requirement description

UseCase Name

13/20

UseCase Description

PROCEED

Use Case1: Screenshots

ADD YOUR USER STORY

PHASE1

PHASE2

Please select a relevant goal

- ☐ As a Developer, you are trying to implement a particular requirement and looking for existing solution
- ☒ As a Solution Architect, you are looking design a high-level system using existing solution

NEXT

Use Case1: Screenshots

ADD YOUR USER STORY

PHASE1

PHASE2

What is the main objective or essence of the requirement ?

- ☐ Instantiation of Class - How Objects are created ?
- ☒ Composition of the Class and Objects - How the Classes are composed ?
- ☐ Communication between Objects - How objects communicate with each other ?

NEXT

Use Case1: Screenshots

Adapter

[CONTEXT](#)[PROBLEM](#)[STRUCTURE](#)[UML DIAGRAM](#)[RELATED PATTERNS](#)

Reuse has always been painful and elusive. One reason has been the tribulation of designing something new, while reusing something old. There is always something not quite right between the old and the new. It may be physical dimensions or misalignment. It may be timing or synchronization. It may be unfortunate assumptions or competing standards.

Use Case 2: Description

User Dashboard and Feedback

- ☐ Users are provided with a personal and an interactive dashboard.
- ☐ This dashboard keeps a track of the user's history and provides a mechanism for user feedback.
- ☐ This also displays the number of subscription days remaining for the user.
- ☐ The users feedback of the suggested solutions is used by the application in order to improve future suggestions.
- ☐ Displays all solutions suggested, implemented previously and the user given ratings for the same.

Use Case 2: Screenshots



Technische Universität München



Your History

Date	Use Case	Result	Rating	Comments
May 6, 2016	test user story	Adapter Pattern	★ ★ ★ ★ ★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★ ★ ★ ★ ★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★ ★ ★ ★ ★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★ ★ ★ ★ ★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★ ★ ★ ★ ★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★ ★ ★	Could have been better
May 6, 2016	test user story	Adapter Pattern	★ ★ ★	Could have been better
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED

Number of subscription days left :

29/30

News Feed:

New Pattern added. Click [here](#) to find out!

Your suggested pattern has been incorporated.

Click [here](#) to find out!

Nostradamus Success Ratio :



1 Star 2 Star 3 Star 4 Star 5 Star

Use Case 2: Screenshots

Your History

Date	Use Case	Result	Rating	Comments
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Adapter Pattern	★★★★★	Worked like a charm
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED
May 6, 2016	test user story	Bridge Pattern	Click to rate	TO BE RATED

Feedback



Feedback comments

0/500

CANCEL

SAVE

Number of subscription days left :

29/30

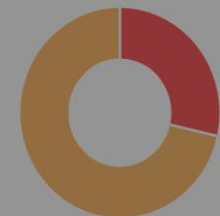
News Feed:

New Pattern added. Click [here](#) to find out!

Your suggested pattern has been incorporated.

Click [here](#) to find out!

Nostradamus Success Ratio :



1 Star 2 Star 3 Star 4 Star 5 Star

Use Case 2: Screenshots

END