FROM USER STORIES TO LIVE DOCUMENTATION

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SOFTWARE COMPOSITION SEMINAR

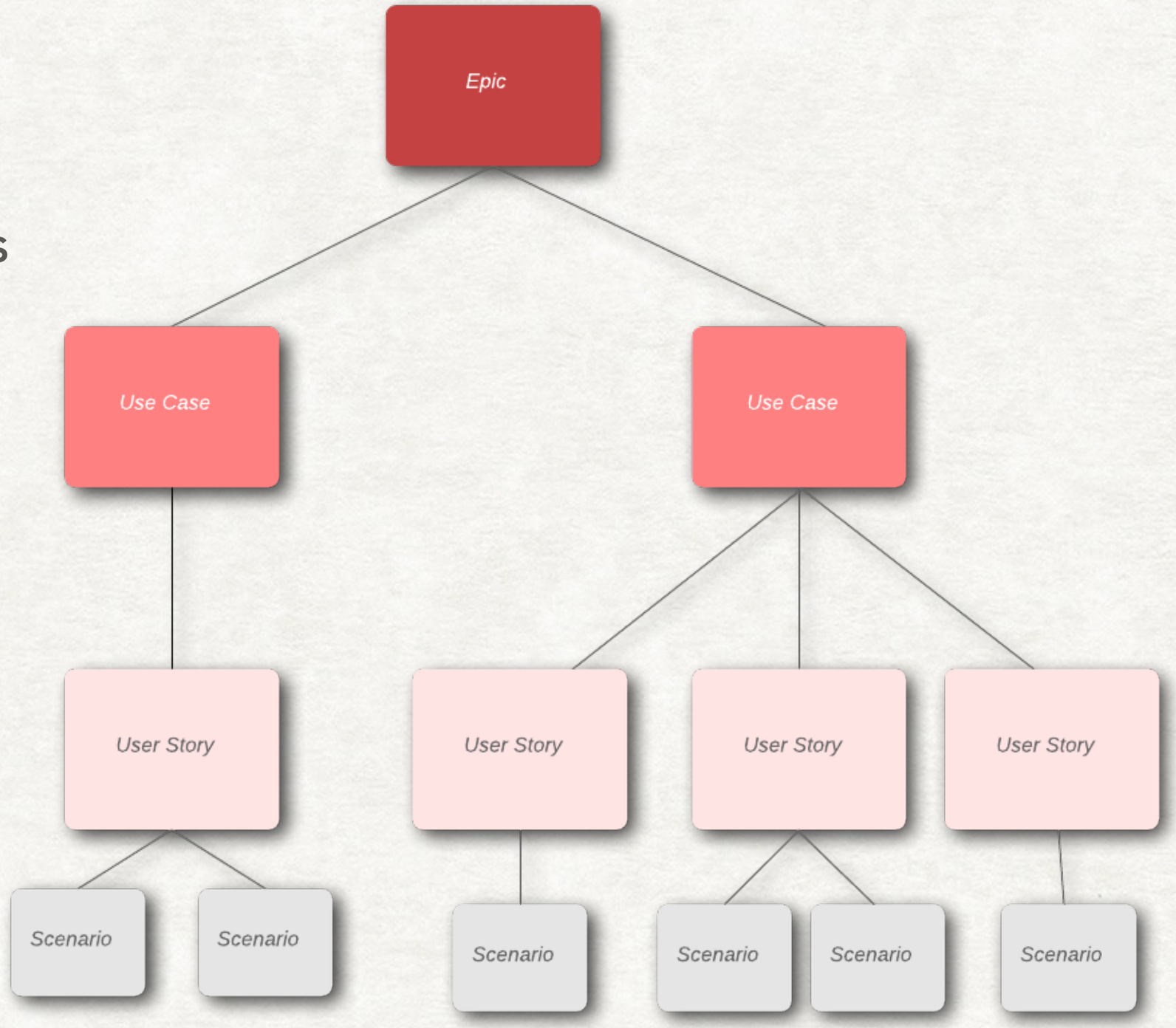
FALL 2019

DOCUMENTATION ON AN IDE

- How to model projects on an IDE using an Agile Framework and combine all project elements on one medium
- Displaying requirements near or next to code
- Benefiting developers, stakeholders, and product owners
- Work to model epics, use cases, user stories, scenarios, source code, and test cases

EPICS

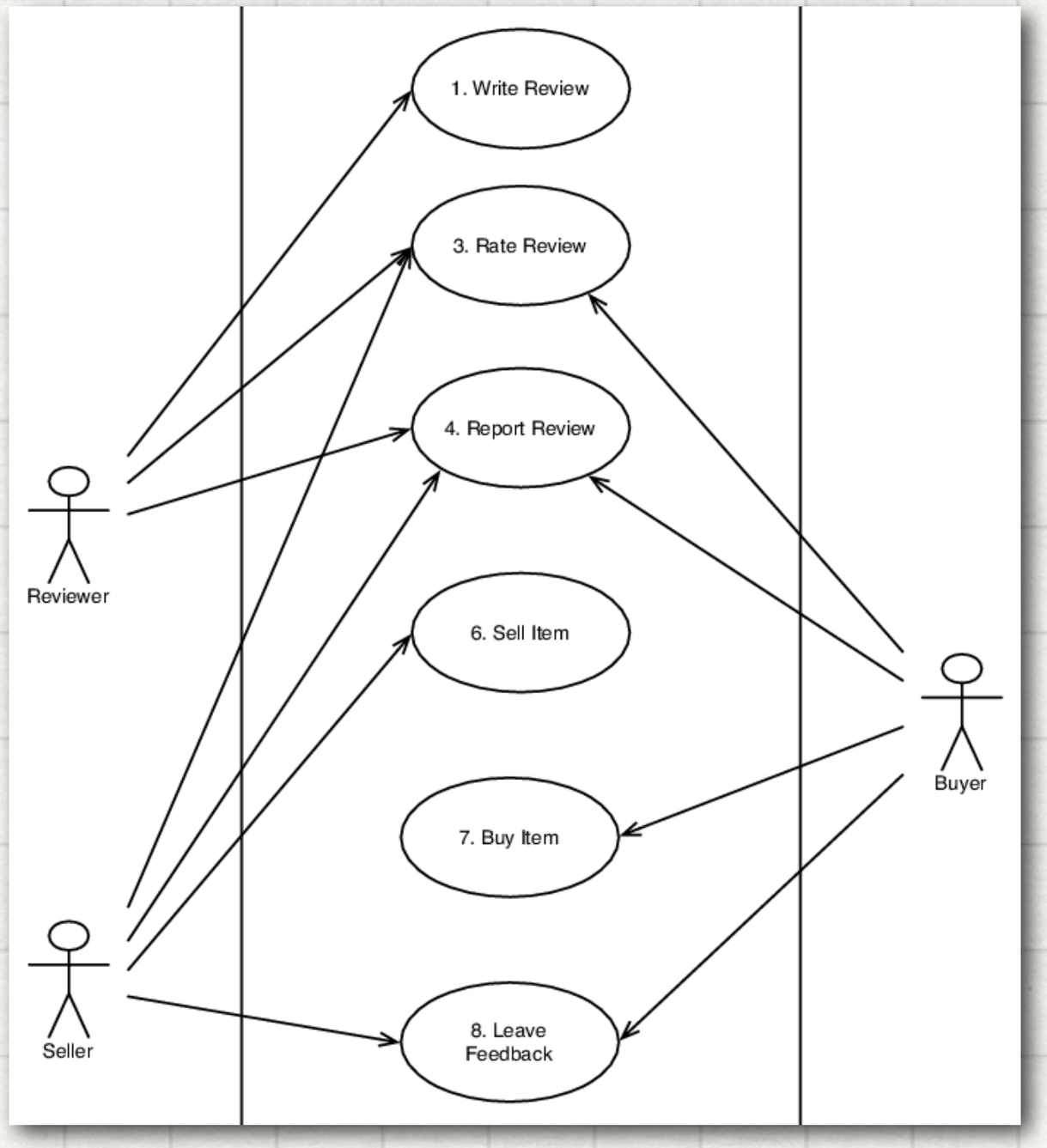
- Umbrella containing use cases, user stories, and scenarios
- Focus on one feature that needs to be developed



USE CASE

- Define how a user and the system work together to complete a task

- General workflow for a user



USER STORIES

- Basic structure

  As a <user>, I want to <action> so that <goal>

- Individual action that can be implemented and tested in a small amount of time

- Contains specific scenarios that act as test cases

WHY PHARO?

- Integration of code with interactive user interface
- Customizable views
- Testing technical feasibility for future work

DEMO

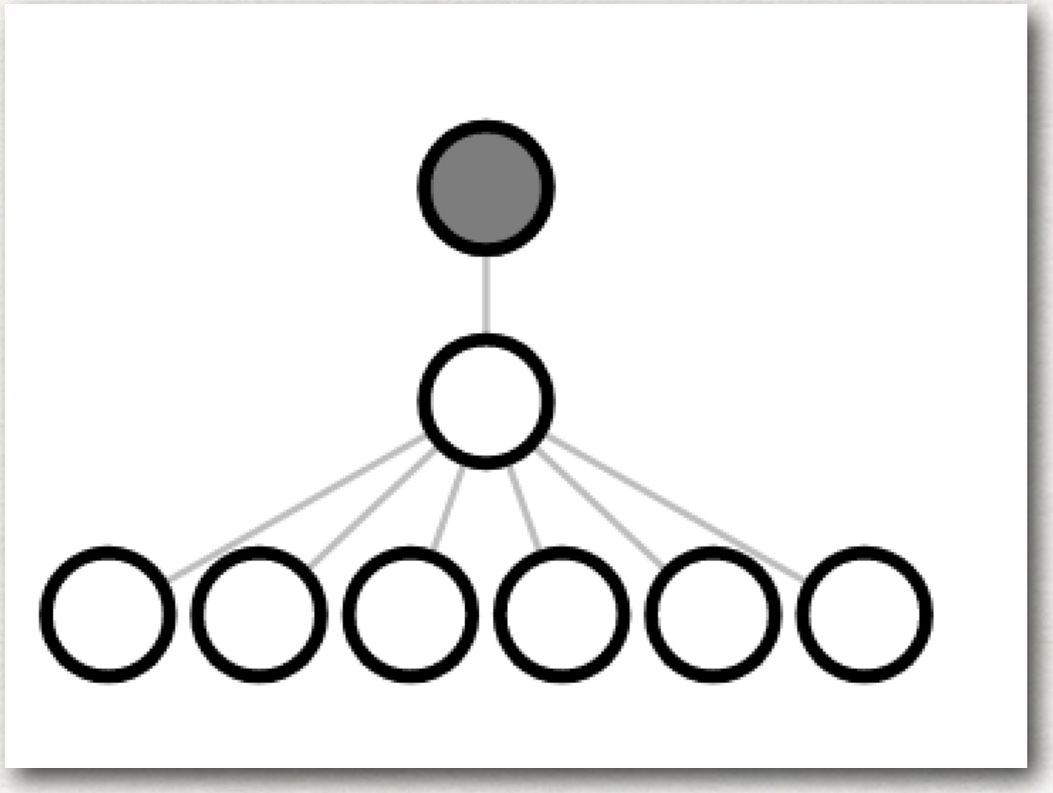
CHALLENGES

- Unfamiliarity with SmallTalk and Pharo
- Finding views to suit all contributors
- Deciding on hierarchy of agile structure

FUTURE WORK

- Improve actor class
- Include more visually representative views
- Test ease of use for non technical contributors

KEY POINTS



an Epic

Information | View Details | Progress Report | Use Cases | Use Case Details

Index	Name
1	Search for a contact
2	View a contact