

# **Open Source Software Development Process**

Week 12

# Team Homework Assignments

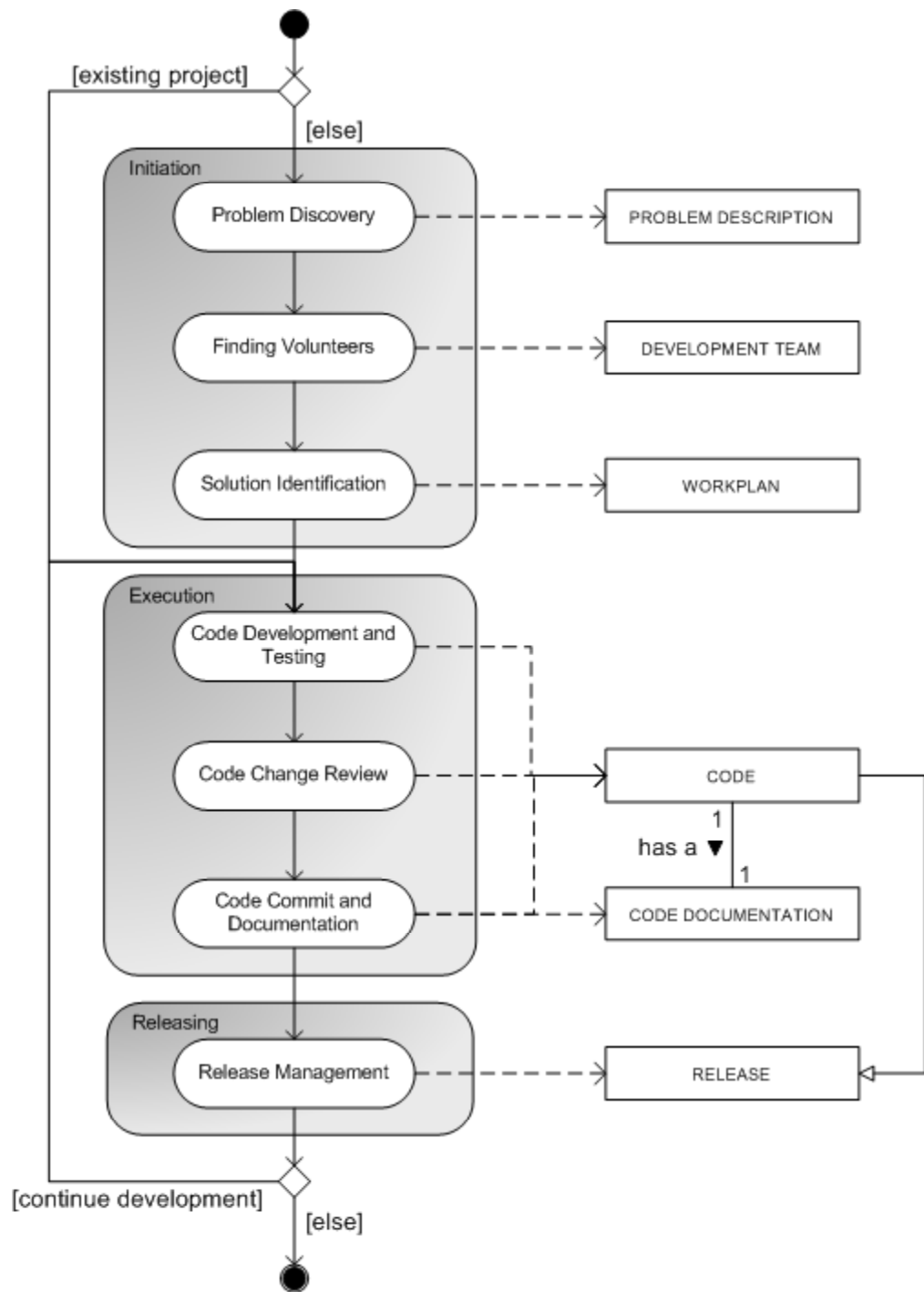
- #1: SRS
  - Sept. 29<sup>th</sup>
- #2 : SDD
  - Oct. 27<sup>th</sup>
- #3: Use case diagram & implementation plan
  - Oct. 20<sup>th</sup>
- #4: the snapshot(s) of the user interface
  - Oct. 27<sup>th</sup>
- #5: Inspect other team's SRS document and fill out the review form
  - Oct. 13<sup>th</sup>
- #6: Inspect other team's documents and fill out the review form
  - Oct. 27<sup>th</sup>
- #7: Summarize three articles/papers on open source software development process
  - Nov. 10<sup>th</sup>
- #8: Summarize three articles/papers on software development process using open source software
  - Nov. 17<sup>th</sup>

# Extra Team Homework Assignment

- 1) Survey and summarize open source software tools based on the SWEBOK key areas (except the last key area). In other words, list software engineering tools available for each key area. The SWEBOK key areas are available at [http://www.csun.edu/~twang/595OSE/HomeworkAssignments/SWEBOK\\_Guide\\_2004.pdf](http://www.csun.edu/~twang/595OSE/HomeworkAssignments/SWEBOK_Guide_2004.pdf), at pages 1-8 (Figure 2) and 1-9 (Figure 3).
- 2) Explain open source software technologies (or tools) which you use for your group project.
  - Prepare for the slides for both 1) and 2).
  - Due date
    - The beginning of the Nov. 17<sup>th</sup> lecture

# Process-data Structure of Open Source Software Development

- Sharma, S., Sugumaran, V. & Rajagopalan, B. (2002). *A framework for creating hybrid-open source software communities*. Information Systems Journal 12 (1), 7-25.
- The process starts with a choice between the adopting of an existing project, or the starting of a new project. If a new project is started, the process goes to the Initiation phase. If an existing project is adopted, the process goes directly to the Execution phase.



# Lab Activities

- Work on group projects
- Submit a weekly project progress report, addressing