

## Quiz 11 - Using Information Fragments - Results



### Attempt 1 of 2

Written Mar 27, 2024 4:01 AM - Mar 27, 2024 4:08 AM

Attempt Score 4.67 / 5 - 93.34 %

Overall Grade (Highest Attempt) 4.67 / 5 - 93.34 %

#### Question 1

0.667 / 1 point

According to the authors (Thomas Fritz and Gail C. Murphy), developers ask questions related to an integration of different domains (people/teams, change sets/commits, source code, work items/issues, etc.) Mark all the options that characterize questions mainly related to source code changes.

Select 3 correct answer(s)

- ☒ Which code has recently changed that is related to me?
- ☒ Who owns this piece of code? / Who modified it the latest?
- ☒ Which features and functions have been changing?
- ☐ What are the changes on newly resolved work items related to me?
- ☐ Who has made comments in a defect?
- ☐ Who caused this build to break?
- ☐ How much work [have] people done?

#### Question 2

1 / 1 point

According to the authors (Thomas Fritz and Gail C. Murphy), developers ask questions related to an integration of different domains (people/teams, change sets/commits, source code, work items/issues, etc.) Mark all the options that characterize questions mainly related to people (people-specific questions).

Select 3 correct answer(s)

- ☐ What is the recent activity on a plan item?
- ☒ Who to assign a code review to? / Who has the knowledge to do the code review?
- ☐ How do test cases relate to packages/classes?
- ☐ Which changes caused the tests to fail and thus the build to break?
- ☐ What is coming up next week [for my team]?
- ☒ What have people been working on?
- ☒ How much work [have] people done?

#### Question 3

1 / 1 point

According to the authors (Thomas Fritz and Gail C. Murphy), developers ask questions related to an integration of different domains. Mark all the options that characterize the domains that were mentioned during the questions.

Select 4 correct answer(s)

- ☒ web sites and wiki pages
- ☒ source code
- ☐ deployment tools
- ☐ software design
- ☒ change sets
- ☒ test cases
- ☐ architecture diagrams
- ☐ IDE plugins

#### Question 4

1 / 1 point

According to the authors (Thomas Fritz and Gail C. Murphy), the information fragments model uses composition operators to compose different information fragments. Mark all the options that characterize the operators they envisioned.

Select 2 correct answer(s)

- ☐ vertex matching operator
- ☐ graph matching operator
- ☒ id matching operator
- ☒ text matching operator
- ☐ edge matching operator

#### Question 5

1 / 1 point

According to the authors (Thomas Fritz and Gail C. Murphy), the evaluation of the information fragments model that they did with software developers led them to assert the following.

Select 3 correct answer(s)

- ☒ Longer time to answer the questions (above five minutes) happened in only 23 cases.
- ☒ A total of 135 out of the 144 cases answered the questions successfully.
- ☐ The tool recommends artifacts related to a provided starting artifact.
- ☐ They found 19 problems from their own experience as software developers.
- ☐ They used JQuery to provide support so developers could step through structural links between source code elements.
- ☒ The mean time to answer the questions was 2.3 minutes per question.
- ☐ Developers derived 78 questions about information they typically ask during their work days.

Done