Domain Analysis and FeatureIDE Extension Manual Evaluation

This form serves as an evaluation of an investigation on a domain analysis for a Historical Soundscape domain. Before answering the following questions please make sure you have read the proposed domain analysis and followed the steps in the FeatureIDE Extension Manual. The answers to this form will be used in the evaluation section of the student's investigation report.

Thank you for your contribution.
*Obrigatório

User Context	This section is to allow the author to understand the perspective of the user when using both the domain analysis and the FeatureIDE Extension Manual.

1. Are you currently involved in a project that focuses on historical soundscapes? If so, which, and what role do you play in the project? *

_____

2. What is your current job role? *

Marcar apenas uma oval.

◯ Software Developer

◯ Historical soundscapes expert

◯ Outra: _____

3. Do you have previous experience with Software Product Line engineering and Domain Analysis? *

Marcar apenas uma oval.

◯ Yes

◯ No

4. Before reading the domain model, did you know how to interpret use-case diagrams? *

    Marcar apenas uma oval.

    ( ) Yes

    ( ) No

5. Before reading the domain model, did you know how to interpret class diagrams? *

    Marcar apenas uma oval.

    ( ) Yes

    ( ) No

6. Before reading the domain model, did you know how to interpret feature models? *

    Marcar apenas uma oval.

    ( ) Yes

    ( ) No

Domain Analysis

> Please answer the following questions to the best of your knowledge

7. What is the domain under analysis? *

    _____

8. What are the target users of software developed in the domain? Do you agree with them and the limitations pointed out? *

9. Were the defined concepts clear? If not, which should be more explicit? *

10. Were you able to understand the use-case diagram? If so, was it from previous knowledge or the explanation in the appendix? *

11. Do you believe any use-cases are missing from the system? If so, which ones? *

12. Are there relationships present in the diagram you do not agree with? If so, which ones and why? *

13. Were you able to understand the class diagram? If so, was it from previous knowledge or the explanation in the appendix? *

14. After reading the sub-section on class diagrams in section Domain Model Issues, do you agree with the entity classes and their attributes present in the diagram? If not, which ones and why? *

15. After reading the sub-section on class diagrams in section Domain Model Issues, do you agree with the relationships present in the diagram? If not, which ones and why? *

16. Were you able to understand the feature models? If so, was it from previous
     knowledge or the explanation in the appendix? *

     _____

17. Do you have any extra features you think should be added to either of the
     feature models? If so, which ones? *

     _____

     _____

     _____

     _____

     _____

18. Overall do you believe the requirements of the domain are explicit and well
     explained?

     Marcar apenas uma oval.

     ( ) Yes

     ( ) No

19. Do you agree with the choices done, and justified in the Domain Model Issues
     section? If not, which ones do you think should have been dealt with differently,
     and how?

     _____

     _____

     _____

     _____

     _____

20. Please select a value for each of the following statements indicating to which extent you agree with it. 1 represents completely disagree and 5 represents completely agree. *

Marcar apenas uma oval por linha.

	1 (Completely Disagree)	2	3	4	5 (Completely Agree)
The domain and its limits are clearly explained.	○	○	○	○	○
The structure of the domain model is easy to follow.	○	○	○	○	○
The terms relevant to the domain are clearly defined.	○	○	○	○	○
The mandatory and optional requirements are well divided.	○	○	○	○	○
The use case diagram covers all functionalities present in systems of the domain.	○	○	○	○	○
The use case diagram helps the understanding of how certain requirements are to be enforced.	○	○	○	○	○
The class diagram covers all entities required in systems of the domain.	○	○	○	○	○
The class diagram relationships make sense and are correct (might need to read section Domain Model Issues to better understand).	○	○	○	○	○
The back office platform	○	○	○	○	○

feature model is clear
and contains all the
necessary features.

The front office platform
feature model is clear
and contains all the
necessary features.

◯ ◯ ◯ ◯ ◯

Overall the domain
model presented helps
understand and clarifies
the requirements of a
system being developed
in the domain.

◯ ◯ ◯ ◯ ◯

**Domain Analysis - Currently
Involved in a Project in the
Domain**

This section is only required if you answered 'Yes' to currently
being involved in a project belonging to the domain in section
2

21. Do you believe all requirements for your project are covered by both the
     mandatory and optional requirements?

Marcar apenas uma oval.

◯ Yes

◯ No

22. Are there mandatory requirements you and your team had not yet thought of?

Marcar apenas uma oval.

◯ Yes

◯ No

23. Do you think any of the mandatory requirements should not be mandatory? If
     so, which ones and why?

     _____

     _____

     _____

     _____

     _____

24. Did any of the optional requirements make you and your team re-think if your
     project will want to include them?

     Marcar apenas uma oval.

     ◯ Yes

     ◯ No

     FeatureIDE Extension Manual

25. Were you able to follow the instructions on the manual to install the Feature IDE
     Plugin extension and view the feature models with the eclipse plugin extension?
     *

     Marcar apenas uma oval.

     ◯ Yes

     ◯ No

FeatureIDE Extension
Manual - Able to Use

This section is only required if you answered 'Yes' to being able to
follow the FeatureIDE Extension Manual in section 5

26. Were all the feature descriptions in the author's domain models detailed enough for you to understand their purpose? If not, which ones?

_____

_____

_____

_____

27. Do you believe that the URL examples in some features aided the understanding of what that feature is meant to do?

Marcar apenas uma oval.

◯ Yes

◯ No

28. Did you find the plugin difficult to understand and use?

Marcar apenas uma oval.

◯ Yes

◯ No

◯ More or less

29. Do you believe the URL extension of the plugin is too complicated to understand and use?

Marcar apenas uma oval.

◯ Yes

◯ No

◯ More or less

30. Do you have suggestions on how to improve the inclusion of URLs in the diagrams?

_____

_____

_____

_____

_____

31. Please select a value for each of the following statements indicating to which extent you agree with it. 1 represents completely disagree and 5 represents completely agree.

Marcar apenas uma oval por linha.

	1 (Completely Disagree)	2	3	4	5 (Completely Agree)
The manual and its structure are easy to follow.	◯	◯	◯	◯	◯
The plug-in (without considering the URL association functionalities) is easy to use once understood.	◯	◯	◯	◯	◯
The URL association to features is well incorporated into the plug-in.	◯	◯	◯	◯	◯
The URL association to features is easy to use once demonstrated.	◯	◯	◯	◯	◯
The URL association to features enriches and benefits feature models developed using the FeatureIDE plugin for eclipse.	◯	◯	◯	◯	◯

FeatureIDE Extension
Manual - Unable to Use

This section is only required if you answered 'No' to being able to
follow the FeatureIDE Extension Manual in section 5.

32.　Did you have previous experience with git hub repositories?

Marcar apenas uma oval.

◯ Yes

◯ No

33.　Did you manage to access the manual? If not, why? (if you answered no to this
question, you can skip the rest of this section).

_____

_____

_____

_____

_____

34.　Was the manual clear on how to install and run the plugin extension?

Marcar apenas uma oval.

◯ Yes

◯ No

35.　What were the problems faced?

Marcar tudo o que for aplicável.

☐ The plugin use is not intuitive

☐ Unable to download the front office and/or back office platforms' feature models

Outra: ☐ _____

Extra comments

36.   If you have any further comments or observations on either the domain analysis or the FeatureIDE URL Extension Manual, please write them below.

_____

_____

_____

_____

_____

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