

# SGModels Survey

Questionnaire for evaluating the ATMSG and the LM-GM models for serious game analysis.

Welcome, and thank you for your participation in this study,  
which aims to evaluate and compare two models for serious games analysis.

This is how this test is structured:

- You will be asked to play a game for at least 10 minutes.
- You will be presented with one of the models for serious games analysis.
- You will be asked to analyze the game using the first model.
- You will be asked a few questions about the model.
- You will be presented the second model for serious games analysis.
- You will be asked to analyze the same game using the second model.
- You will be asked a few questions about the second model.
- You will be asked a few questions comparing both models.

The whole procedure is expected to last at most 3 hours.

**You can stop the questionnaire at any time and return to it later.**

If you are returning to your questionnaire, use the "Load unfinished survey" button,  
on the bottom of the screen.

**Do not try to use the "Back" button of your browser!**  
**Doing so might cause you to lose your answers!**  
**Use the questionnaire's navigation buttons instead.**

Please click on "Next" to start.

There are 42 questions in this survey

## Participant selection

**[ ]Please indicate your level of familiarity with digital games. \***

Please choose **only one** of the following:

**[ ]Please indicate your level of familiarity with Serious Games / games for learning. \***

Please choose **only one** of the following:

## Not in target group

**[]**

**Thank you for your interest in participating in our research!**

**We are looking for participants with experience with serious games / games for learning. Since you indicated that you do not have experience with serious games, unfortunately we would not be able to use your responses.**

**We kindly ask you to forward the invitation to this questionnaire to people you may know that might fit the profile we are looking for.**

**[]Would you be interested in participating in other studies about serious games in the future? Please check the box if yes.**

Please choose **all** that apply:

☐ Yes, I would like to participate in future studies!

## Demographics

### [ ]What is your age? \*

Only numbers may be entered in this field.

Please write your answer here:

### [ ]What is your sex? \*

Please choose **only one** of the following:

- ☐ Female
- ☐ Male

### [ ]What is your educational level? \*

Please choose **only one** of the following:

- ☐ Other

Please inform the level (or equivalent) that you are currently pursuing or the last level that you have completed.

### [ ]Please inform the industry you are currently working in. \*

Please write your answer here:

### [ ]What is your country of origin? \*

Please write your answer here:

### [ ]What is your country of current residence? \*

Please write your answer here:

[ ]{if(is\_empty(groupassignment),rand(1,2),groupassignment)}

## Play the game!

[ ]

**If you have not done so, please play the game "Senior PM" now.**

**You can register to play the game for free online  
at <http://sr.thatpmgame.com/register/>.**

**Even if you know the game, play it again for at least 10 minutes, so that you remember the game in detail. This will be needed for this evaluation.**

**[ ]Have you finished playing the game for at least 10 minutes and are you ready to continue? \***

Please choose **only one** of the following:

Remember, you can always save the questionnaire by clicking in "Resume later" (bottom) and return to it at a later time.

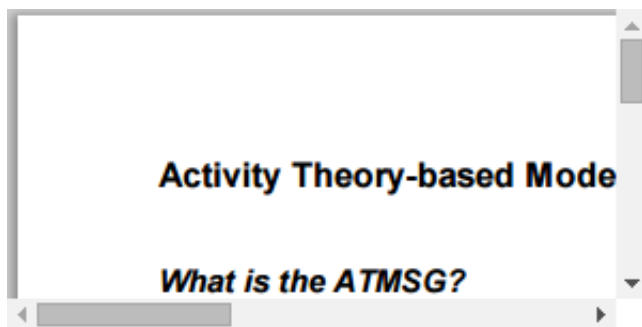
## ATMSG description

[ ]

In this page, you can see a PDF with the description of the ATMSG model and how to apply it to analyze serious games.

Please read this PDF. You can also [download it](#) and then print it out, open it in a tablet or open it using your computer's PDF viewer.

**Tip:** You can use the zoom in your browser's PDF plugin. In addition, the frame below can be resized. Drag the bottom right edge to make it fit better in your screen.



[ ]Have you finished reading the PDF and are you ready to continue?  
Remember, you can [download the PDF](#) to consult it later, when performing the analysis. \*

Please choose **only one** of the following:

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## ATMSG game analysis

[ ]

**In this page, you will perform the analysis of the game using the ATMSG model. Please follow the instructions below.**

**Tip: the frame below can be resized. Drag the bottom right edge to make it fit better in your screen.**

**[ ]Have you finished the ATMSG analysis and are you ready to continue? You will not be able to return to this screen. \***

Please choose **only one** of the following:

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## ATMSG Usability

**[ ]Please rate your level of agreement with the following statements. \***

Please choose the appropriate response for each item:

- I think that I would like to use the ATMSG model if/when I study games for learning
- I found the ATMSG model unnecessarily complex
- I thought the ATMSG model was easy to use
- I think that I would need the support of an expert to be able to use the ATMSG model
- I found the various steps in the ATMSG model were well integrated
- I thought there was too much inconsistency in the ATMSG model
- I would imagine that most people would learn to use the ATMSG model very quickly
- I found the ATMSG model very cumbersome to use
- I felt very confident using the ATMSG model
- I needed to learn a lot of things before I could get going with the ATMSG model

*Adapted from the SU scale (developed by Digital Equipment Corporation, 1986).*

**[ ]Did your perception of the game change after using the ATMSG model to analyze it? If yes, what changed?**

Please write your answer here:

**[ ]Do you have any suggestions on how to improve the ATMSG model and its application?**

Please write your answer here:



## Interlude

**[ ] This is a small break before we proceed to the next block.**

**Remember, you can pause this questionnaire at any time by clicking on the button on the bottom, "Resume later".**

## LM-GM description

In this section of the questionnaire, you will evaluate the LM-GM model.

[ ]

**In this page, you can see a PDF with the description of the LM-GM model and how to apply it to analyze serious games.**

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## LM-GM game analysis

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**In this page, you will perform the analysis of the game using the LM-GM model. Please follow the instructions below.**

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Please choose **only one** of the following:

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## LM-GM Usability

**[ ]Please rate your level of agreement with the following statements. \***

Please choose the appropriate response for each item:

- I think that I would like to use the LM-GM model if/when I study games for learning
- I found the LM-GM model unnecessarily complex
- I thought the LM-GM model was easy to use
- I think that I would need the support of an expert to be able to use the LM-GM model
- I found the various steps in the LM-GM model were well integrated
- I thought there was too much inconsistency in the LM-GM model
- I would imagine that most people would learn to use the LM-GM model very quickly
- I found the LM-GM model very cumbersome to use
- I felt very confident using the LM-GM model
- I needed to learn a lot of things before I could get going with the LM-GM model

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**[ ]Did your perception of the game change after using the LM-GM model to analyze it? If yes, what changed?**

Please write your answer here:

**[ ]Do you have any suggestions on how to improve the LM-GM model and its application?**

Please write your answer here:

## Interlude

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## ATMSG description

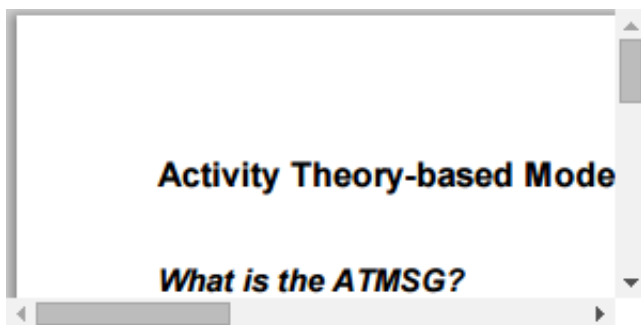
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Please write your answer here:

**[ ]Do you have any suggestions on how to improve the ATMSG model and its application?**

Please write your answer here:

## Comparison of models

**[ ] Which model, ATMSG or LM-GM, was easier to understand? Why?**

Please write your answer here:

**[ ] Which model, ATMSG or LM-GM, was easier to apply? Why?**

Please write your answer here:

**[ ] In your opinion, which model, ATMSG or LM-GM, gave you a better understanding of the characteristics of the games you analyzed? Why?**

Please write your answer here:

## Finalization

**[ ] If you have any comments about the models or about this study, please write them down below.**

Please write your answer here:

**[ ] Would you be interested in participating in other studies about serious games in the future? Please check the box if yes.**

Please choose **all** that apply:

☐ Yes, I would like to participate in future studies!

**[ ]**

**You are ready to submit your questionnaire.**

Thank you for your participation in this questionnaire! We really appreciate your help.

Submit your survey.

Thank you for completing this survey.