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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_3724.22** |
| Title of the Manuscript: | **Enhancing Programming Education through Gamified E-Learning Platforms: A Comprehensive Review of Engagement, Motivation, and Learning Outcomes** |
| Type of the Article | **Complete Book Chapter** |

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| **PART 1: Review Comments** |
| **Compulsory** REVISION comments | **Reviewer’s comment** | **Author’s Feedback** *(Please correct the manuscript and highlight that part**in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **The chapter explores different research on the effects of gamification on coding learning, using eLearning platforms. It provides a perspective of the results of these investigations in which improvements in learning and motivation are observed, although it is not clear how much they improve learning with respect to traditional methodologies, nor does it explore the limitations and how the results that these platforms can provide could be further explored.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The title fits the content, but it is too long and there are several articles with similar titles, perhaps it could be “Gamified E-Learning in Programming Education: A Review of Research on Engagement and Learning”** |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **It would be useful to include a detailed analysis of how learning with gamification on e-Learning platforms improves compared to traditional methodologies, as well as addressing the limitations, recommendations and proposals for how the results that these platforms can provide could be explored in more depth.****Further reflection and analysis on these aspects would be welcome.** |  |
| **Are subsections and structure of the manuscript appropriate?** | **They are right** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required****for this part.** | **At a scientific level, it would be appropriate to include how the sample of articles and/or research was selected and how and why the selection of the same was carried out. It would be valuable to justify why these sources have been chosen and not other sources.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **The references are recent, although some more could be included regarding the initial foundation of the chapter in terms of introduction and methodology, sections in which no reference is used to support the statements included in them. Some references of official institutions could be used, as for example, OECD reports: OECD Future of Education and Skills 2030, OECD Education Policy Outlook 2024, UNESCO Global Education Monitoring Report 2023, TheWorld Bank Digital Pathways for Education: Enabling****Greater Impact for All 2024, etc** |  |
| Minor REVISION comments**Is the language/English quality of the article suitable for scholarly communications?** | The language is correct, but it is advisable to review the errors, there are some obvious ones, such as on page 3 "tutor in an beginner" |  |
| **Optional/General** comments |  |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| Reviewer Details: |
| Name: | **Maria Goretti Alonso De Castro** |
| Department, University & Country | **Camilo Jose Cela University and Educational Council of Madrid Region, Spain** |