

Corrigendum

Corrigendum to “A Client-Server and Web-Based Graphical User Interface Design for the Mathematical Model of Cardiovascular-Respiratory System”

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Received 29 January 2022; Accepted 29 January 2022; Published 28 February 2022

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In the article titled “A Client-Server and Web-Based Graphical User Interface Design for the Mathematical Model of Cardiovascular-Respiratory System” [1], the authors have identified some errors that were introduced during the preparation of the manuscript. First, there were errors in the author list. Harelimana Dominique should be corrected to Harelimana Dominique, and affiliations 2 and 3 have minor errors. The corrected author list and affiliation list are shown above.

Second, the sex information in Figure 10 was incorrect and the corrected figure is as follows. The authors additionally note that the names are pseudonyms.

Thirdly, in the Design and Layout section (Section 3.2, Front-End Side and Back-End Side), “Once calculations are done, the results are sent back to the front-end side to be visualized and seen by the user as needed results of cardiovascular-respiratory system or glucose-insulin system” should be corrected to “Once calculations are done, the results are sent back to the front-end side to be visualized and seen by the user as needed results of cardiovascular-respiratory system.”

Finally, in the Discussion of Results section, “The trend of systemic arterial pressure is negative from 100 mmHg to 65 mmHg (see Figure 11(a)) while the systemic venous pressure increases from 2.4 mmHg up to 3.1 mmHg” should

ID	FIRSTNAME	LASTNAME	SEX	AGE	CALCULATE
1	Thomas	Mvukiyehe	M	29	<input type="button" value="Calculate"/>
2	Gerardine	Nikuze	F	29	<input type="button" value="Calculate"/>
3	Joyce	Gisubizo	F	45	<input type="button" value="Calculate"/>

FIGURE 10: View of the list of patients and calculation of results by a medical doctor.

be corrected to “The trend of systemic arterial pressure is positive from 100 mmHg to 121 mmHg (see Figure 11(a)) while the systemic venous pressure increases from 2.4 mmHg up to 3.1 mmHg.”

References

- [1] T. Bizimungu, D. Harelimana, and J. M. Ntaganda, “A client-server and web-based graphical user interface design for the mathematical model of cardiovascular-respiratory system,” *Applied Computational Intelligence and Soft Computing*, vol. 2021, Article ID 5581937, 11 pages, 2021.