**Original Manuscript ID:** BABT-2023-1075

**Original Article Title: “**Disease Diagnosis and Prediction Using Deep Learning: A Survey”

**To:** Editor-in-chief, BABT

**Re:** Response to reviewers

Dear Editor,

Thank you for allowing us to revise our manuscript, with an opportunity to address the reviewers’ comments.

We are uploading (a) our point-by-point response to the comments (below) (response to reviewers), and (b) an updated manuscript with yellow highlighting indicating changes (under “Author’s Response Files*”*).

Best regards,

Ashlin et al.

**Reviewer #1, Comment #1:** The manuscript should be carefully prepared and formatted according to the journal's template in author guidelines: <https://jcoms.fesb.unist.hr/author-guidelines/>. Please check all the details in guidelines. Please see the recently published papers at the link: <https://jcoms.fesb.unist.hr/current-issue/>.

**Author Response:** Thank you for the comment.

A few errors that were violating the template were corrected accordingly. The **figures** in the template were cited as **Fig. (fig no)** in the template which was not done in our previous manuscript submission. We hereby present you the corrected version of the citation of figures.

The line space below the **Abstract** and **Index Terms** is also changed to the specification of template.

**Table 1** has been changed to the specified font size(8) and line space between table and table title is also adjusted to the required specification.

The sub section headings in Section 4 **Algorithm Development** were removed as their deletion was not effecting the flow our explaination.

All the changes listed are highlighted in the document.



**Reviewer #1, Comment #2:** Quality of all figures and equations should be improved in order to be more clearly readable.

**Author Response:** Thank you for the comment.

**Figure 2**, **Figure 5**, **Figure 6** and **Figure 9** are enlarged and are made sure to be clearly readable.

The said figure captions are highlighted in the document.

There are no equations.



**Reviewer #1, Comment #3**:  Font size of the text in figures should be unified within a paper.

**Author Response:** Thank You for the comment.

**Figure 6** was having non unified text in the previous submission, the text is unified and corrected.

The said figure caption is highlighted in the document.



**Reviewer #1, Comment #4**:  Bold should not be used in text/tables/figures.

**Author Response:** Thank you for the comment.

Bold content in **Figure 11** is subsequently changed to normal text.

No bold content was used in the table.

The said figure caption is highlighted in the document.



**Reviewer #1, Comment #5**:  English grammar, writing style and typos should be carefully checked and significantly improved.

**Author Response:** Thank You for the comment.

Section name of Section 3 **Research Methodology** had a typo. It is subsequently corrected.

Grammatical changes and writing style have been improved in multiple places throughout the document.

All the improved sentences and grammatical corrections are highlighted in the document.



**Reviewer #1, Comment #6**:  List of the references should be updated and extended with the latest relevant ones (all references should be cited and discussed).

**Author Response:** Thank You for the comment.

All the references used are the references that refer the recent years works’. There were **23** references in the previous manuscript submission. We have added 5 more new references that add more foundation to our research making the total number of references to **28**.

The new references in the references list and the citation of the said references are highlighted in the document.

All the references are cited in the document.



**Reviewer #1, Comment #7**:  Comparison of the proposed method and results with other results/methods/solutions should be presented clearly.

**Author Response:** Thank You for the comment.

In Section 5 **Results and Discussion**, we present a solution demonstrating how Human-Computer Interaction (HCI) can be integrated into real-time products for everyday use, such as a restaurant ordering system using human gestures. Our research identifies a gap in existing literature, where HCI technology is predominantly proposed for complex tasks involving IoT operations. We propose a straightforward, commercial application of HCI for daily life. As this approach is unique, we lack comparable parameters or prototypes. However, we provide an analysis of our product's usage and survey data to demonstrate the accuracy and effectiveness of our proposed method.

The improvised explanation of the said idea is highlighted in Section 5 **Results and Discussion** of the document.



**Reviewer #1, Comment #8**:  Borders should be removed from the biography photos.

**Author Response:** Thank you for the comment.

The borders are removed from the biography photographs subsequently in the document.

