

SmartDevice

Technology Report Evaluation

Team members:

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Prescreening Checklist

1. Has a Proposal for a Technology Report been submitted and accepted and a copy of the approved proposal included in the Technology Report?

Yes

2. Has the Technology Report been submitted within one year since the proposal was approved?

Yes

3. Is the Technology Report consistent with the Proposal (as approved and with the comments and suggestions made by the proposal reviewer)?

Yes

4. Is the Technology Report typed, double-spaced and justified left?

Yes

5. Has a 12 point Arial, Univers, or similar Sans Serif font been used?

Yes

6. Is the body of the report a minimum of 3,000 words?

Yes

7. Are the components included and in the following order: Title Page; Declaration of Authorship; Approved Proposal; Abstract/Executive Summary; Table of Contents; Lists of Illustrations/Diagrams; Body of the TR; Conclusion(s), and if applicable Recommendation(s); Bibliography/Technical References; and Appendices?

Yes

8. Is there a signed Declaration of Authorship?

Yes

9. Is the report dated?

Yes

10. Is the Technology Report current? (The Technology Report should be less than 5 years old.)

Yes

11. Is there a Title Page?

Yes

12. Is there a Table of Contents?

Yes

13. Does the Table of Contents correctly reflect the Components: Headings, Illustrations/Diagrams and Appendices?

Yes

14. Are the pages numbered with appropriate page breaks?

Yes

15. Is there an Abstract/Executive Summary and Introduction?

Yes

16. Does the body of the report contain Section Headings?

Yes

17. Are there Conclusion(s), and if applicable, Recommendation(s)?

Yes

18. Is there a Bibliography with appropriately cited Technical References?

Yes

Report Mechanics and Structure Checklist

1. Does the Title, in ten words or less, inform readers of the precise subject matter contained in the TR?

Yes

2. Does the Abstract or Executive Summary provide a brief overview of the report in approximately 75 to 100 words?

Yes

3. Does the Abstract or Executive Summary summarize the Conclusion(s), and if applicable, the Recommendation(s)?

Yes

4. Does the Introduction state the reason the work was undertaken? What is the industry, organization or context? What is the problem?

Yes

The purpose is to introduce kids to coding via our products with the help of MakerKids.

The main problem is that we have to make it simple but visually cool and practical.

5. Does the Introduction cover the scope of the report? What is included and /or admitted, and what procedures are used?

Yes

Scope: Our IoT product consists of hardware part controlled by Android application via information stored in Firebase.

6. Do the headings and subheadings in the Body adequately and accurately describe the section or subsection content?

Yes

7. Does the Body include information regarding the methodology?

Yes

8. Does the Body include recent research findings?

No

9. Does the Body include results/data from the study?

Yes

10. Are illustrations, tables, diagrams and charts clearly drawn, labelled and numbered?

Yes

11. Is each Conclusion, and if applicable, each Recommendation, stated in a separate paragraph and in a positive way?

Yes

12. Are the References/Bibliography complete?

Yes

13. Do the Appendices support the study? N/a Is the spelling correct? **Yes.**

14. Is the spelling correct?

Yes

15. Is the language free of jargon?

Yes

16. Is the same voice (I, one, person, etc.) used consistently throughout the Technology Report?

Yes (using we)

17. Do the grammar and punctuation follow normally accepted rules of use?

Yes

18. Are thoughts and illustrations/diagrams/charts that do not belong to the writer properly identified and footnoted in the text?

Yes

Report Content

1. Are the Problem Statement and Hypothesis significant to the current state of the field/industry?

Yes

Space-saving, visually cool, multi-functionals

2. Is the Methodology scientifically sound?

Yes

3. Are the engineering technology and applied science principles used in the Methodology and Analysis appropriate to the subject area?

Yes

4. Are the Data and/or Results complete?

Yes

All on Firebase

5. Have the Mathematical formulae been applied appropriately?

Yes

Calculate time

6. Are the Mathematical calculations done correctly and accurately?

Yes

7. Are the Illustrations/Diagrams/Charts technically correct?

Yes

8. Is the Analysis of the results correct?

Yes

9. Is the Analysis complete?

Yes

10. Are the Conclusion(s), and if applicable the Recommendation(s), free of discussion, explanation and opinion?

Yes

11. Do the Conclusion(s), and if applicable the Recommendation(s), relate to and resolve the Problem Statement and/or Hypothesis?

Yes

12. Are the Conclusion(s), and if applicable the Recommendation(s), logical?

Yes

13. Does the report make a contribution to the industry/field of study?

Yes