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| **Field Testing Report (Experimental Based Track)** |

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| **NAME:** |  | **MATRIC NO:** |  |
| **PROJECT TITLE:** |  | | |
| **SUPERVISOR:** |  |  | |

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| 1. **INTRODUCTION** |
| * **Background** Provide a brief introduction to the research topic, the problem statement, and the relevance of the project. * **Research Objectives** Clearly state the objectives and goals of the experiment. * **Hypotheses** Formulate the hypotheses that the experiment aims to test. |

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| 1. **SYSTEM/PROTOTYPE OVERVIEW** |
| * **System/Prototype Description** Give a detailed overview of the prototype, including its functionality, architecture, and key features. * **Experimental Features** Highlight specific features of the prototype that are being tested in the experiment.  |  | | --- | | 1. **EXPERIMENTAL METHODOLOGY** |  * **Experimental Design** Describe the type of experimental design used (e.g., between-subjects, within-subjects, randomized control trial, etc.). * **Independent and Dependent Variables** Specify the variables manipulated and measured in the experiment. * **Experimental Setup** Describe the environment and conditions under which the experiment was conducted. * **Materials and Instruments** List the hardware, software, and other tools or instruments used in the experiment, including questionnaires, sensors, or data collection tools.  |  | | --- | | 1. **PARTICIPANTS** |  * **Recruitment Method** Explain how participants were recruited for the experiment. * **Demographics** Provide detailed demographic information, such as the number of participants, age range, gender distribution, and any other relevant background information.  |  | | --- | | 1. **PROCEDURE** |  * **Pre-Experimental Setup** Describe any pre-experimental preparations such as training sessions, calibration of instruments, or pilot testing. * **Experimental Procedure** Provide a step-by-step description of how the experiment was conducted, including the sequence of tasks, instructions given to participants, and duration of each stage. * **Post-Experimental Process** Describe any post-experimental steps like debriefing sessions, additional data collection, or follow-up surveys.  |  | | --- | | 1. **DATA ANALYSIS** |  * **Data Collection** Explain how data was collected during the experiment and how it was stored and managed. * **Statistical Analysis** Describe the statistical methods and software used for analyzing the data (e.g., ANOVA, t-tests, regression analysis). * **Data Visualization** Use tables, charts, and graphs to present the results clearly.  |  | | --- | | 1. **RESULTS** |  * **Descriptive Statistics** Provide a summary of the data collected, including means, standard deviations, and other relevant metrics. * **Inferential Statistics** Present the results of the statistical tests performed, including p-values, confidence intervals, and effect sizes.  |  | | --- | | 1. **DISCUSSION** |  * **Interpretation of Results** Interpret the findings in relation to the hypotheses stated. Discuss whether the hypotheses were supported or not. * **Comparison with Previous Studies** Compare the results with findings from previous research or studies. * **Limitations** Discuss any limitations of the experiment, including methodological constraints, sample size, or experimental design issues.  |  | | --- | | 1. **IMPLICATIONS** |  * **Practical Implications** Discuss the practical implications of the results for the development, implementation, or future improvements of the system/prototype. * **Future Work** Suggest directions for future research or additional experiments needed to further validate the findings. |

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| **Declaration** |

I hereby declare that this submission is **my own work** and to the best of my knowledge it contains no materials previously published or written by another.

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| Student’s Signature |  | Date |

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| **Supervisor’s Approval** |

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| Project Supervisor’s Signature & Stamp |  | Date |

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| **Lecturer’s Approval** |

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|  | Approve without modification |
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