Western Mindanao State University

Research and Extension

**RESEARCH ETHICS OFFICE**

Zamboanga City, 7000, Philippines

[reoc@wmsu.edu.ph](mailto:reoc@wmsu.edu.ph) 

**STUDY PROTOCOL ASSESSMENT FORM**

| Study Protocol Title\* | **Automated Floor Plan Generation and Cost Prediction Using AI-Based Modeling for Residential Construction** | | | |
| --- | --- | --- | --- | --- |
| WMSU REO Code |  | Type of Review | ☐Expedited ☐Full | |
| Researcher\* | Arkeo Jewel L. Pausal  Zachary Josiah M. Labang  Abdel Khaliq B. Abdulla  Nur M. Balla | ERP | ☐Chair ☐Member | |
| Name of Adviser\* | Salimar B. Tahil | Institution\* | Western Mindanao State University | |
| Name of Reviewer |  | Date Received |  | |
| **Guide questions for reviewing the proposal / protocol** | | | | **Page & Line Number\*** |
| Does the study have social value? ☐Unable to Assess ☐ Yes ☐No  Comment: (e.g. relevance to national /community needs) | | | | III |
| Is the study background adequate? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | 1 |
| Are the research questions supported by the Review of Literature? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | 11 |
| Are the study objectives Specific, Measurable, Attainable, Realistic, ☐Unable to Assess ☐Yes ☐No  Time-bound?  Comment: | | | | 6 |
| Does the research need to be carried out with human participants? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | 22 |
| Is the research design appropriate?   * Is the population identified and defined? ☐Unable to Assess ☐Yes ☐No   Comment:   * Is the selection of study participants described? ☐Unable to Assess ☐Yes ☐No   Comment: | | | | 21  22  22 |
| * Is the sample size justified? ☐Unable to Assess ☐Yes ☐No   Comment:   * Is the plan for data analysis described? ☐Unable to Assess ☐Yes ☐No   Comment:   * Are there dummy tables? ☐Unable to Assess ☐Yes ☐No   Comment: | | | | 22  23  33 |
| Is the research tool appropriate for the study? ☐Unable to Assess ☐Yes ☐No  (survey questionnaire, interview questions)  Comment: | | | | 22 |
| Are there measures to protect privacy of participants ☐Unable to Assess ☐Yes ☐No  and confidentiality of data?  Comment: | | | | N/A |
| Does the study have a vulnerability issue? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | N/A |
| Are appropriate mechanisms/interventions in place ☐Unable to Assess ☐Yes ☐No  to address the vulnerability issue/s?  Comment: | | | | N/A |
| Are there risks/ probable harms to the human participants in the study? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | N/A |
| Are there measures to mitigate the risks? ☐Unable to Assess ☐Yes ☐No  Comment: | | | | N/A |
| Is the informed consent procedure / form adequate ☐Unable to Assess ☐Yes ☐No  and culturally appropriate?  Comment: | | | | N/A |
| Is/are the investigator/s and adviser/s adequately trained and do ☐Unable to Assess ☐Yes ☐No  they have sufficient experience to undertake the study?  Comment: | | | | 38 |
| Is there a disclosure of conflict of interest? ☐Unable to Assess ☐Yes ☐No  Comment: | | | |  |
| Are the research facilities adequate? ☐Unable to Assess ☐Yes ☐No  Comment: | | | |  |
| Are there any other concerns in the study? ☐Unable to Assess ☐Yes ☐No  Comment: | | | |  |

**Recommendation: ☐ Approved**

**☐ Minor revision/s required**

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**☐ Major revision/s required**

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**☐ Disapproved**

**Reasons for disapproval:**

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**Name and Signature of Primary Reviewer Review Date**