

**UNIVERSITY MISSION**

Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, science and technology through quality instruction and responsive research and development activities. It shall produce professional, skilled and morally upright individuals for global competitiveness.

**Republic of the Philippines**

**CAVITE STATE UNIVERSITY**

**Silang Campus**

*Biga I, Silang, Cavite*

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**UNIVERSITY VISION**

The premier University in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals

**Department of Information Technology**

**FINAL EXAMINATION**

First Semester S.Y. 2022 – 2023

***DCIT 50 – Object-Oriented Programming***

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| --- | --- | --- | --- | --- | --- | --- |
| **NAME:** |  | | |  | **SCORE:** | **/100** |
| **INSTRUCTOR:** | **ELEANDRO C. ANCIRO** | **DATE:** |  |  | **SECTION:** |  |

**PERFORMANCE BASED Examination**

**I.** **TASK**

The students will be creating a program that provides assistance or support to a user. The students will be making a project proposal with their plans and the whole documentation of the development process. The students will use the Apache Netbeans IDE with the use of the Java language in their programming and designing process until they reach the ideal goals of their chosen project.

**II. TASK REQUIREMENTS**

* Apache Netbeans IDE and Java Development Kit (*Java Compiler, Projects and Classes*)
* Java Language and Coding Structure (*Java Objects, Variables, Methods and instructions*)
* Java Swing GUI Components for Design (*Frames, AWT and Swing Components*)
* Debugging and Exception Handling Skills (*Dialog Boxes and Eliminating Errors*)

**III. EXECUTION DATES**

1. Project Proposal/ Manuscript - January 9 – 10, 2023
2. Designing and Building – January 11 – 22, 2023
3. Project Presentation/ Testing – January 23 – 28. 2023

**IV. TASK RUBRIC**

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| **CRITERIA** | **EXCELLENT**  **(25 points)** | **GOOD**  **(20 points)** | **SATISFACTORY**  **(15 points)** | **NEEDS IMPROVEMENT**  **(10 points and below)** | **Score** |
| **Content and Correctness** | The students presented an outstanding output with the completeness of the required content set by the teacher. | The students presented an average output with minimal corrections from the content set by the teacher. | The students presented a balanced output with multiple corrections for the required content set by the teacher. | The students presented an output that did not meet the standard and the content set by the teacher. |  |
| **Documentation** | The students submitted a well-organized manuscript that displays the clarity and effectiveness of the chosen project. | The students submitted a good manuscript that has minimal revision in the clarity and effectiveness of the chosen project. | The students submitted a complete manuscript that has multiple revisions that need to address for the clarity and effectiveness of the chosen project. | The students submitted a manuscript that has no organization, clarity, or effectivity of the chosen project. |  |
| **Design** | The students demonstrated exemplary skills to design their projects with creativity and exceeds the teacher’s expectations of their outputs. | The students demonstrated a good design for their projects and displays the user-friendliness of their outputs. | The students demonstrated a standard design with minimal adjustments for their chosen project. | The students did not demonstrate any design skills and lack of effort for their chosen project. |  |
| **Presentation** | The student presented their created projects with mastery and familiarity which leads to an impressive program. | The student presented their created projects with confidence and clarity which leads to good project output. | The student presented their created projects in a satisfactory way with minimal errors in their output. | The student presented an incomplete and a not finished project with multiple bugs which limits them to achieve the expected output. |  |

**Prepared by: Checked and Reviewed by: Approved:**

**ELEANDRO C. ANCIRO CERENEO S. SANTIAGO JR. BEVERLY A. MALABAG**

Instructor Program Coordinator, BSIT Chairperson, DIT