# SHIFTING HANDWRITTEN RECORDS OF BANTAY DAGAT TO AUTOMATED

# RECORD-KEEPING SYSTEM

# IN CANDELARIA ZAMBALES

# (SHARKS)

**Hanzen Mae E. Ebilane**

**Christian L. Mallari**

**Vincent Dennis H. Regatcho**

**Joanne M. Soriano**

**Carl Jay Vidal**

**Submitted in Partial Fulfillment of the Requirements for the Degree of**
**Bachelor of Science in Computer Science**
**President Ramon Magsaysay State University**
**Candelaria Campus**
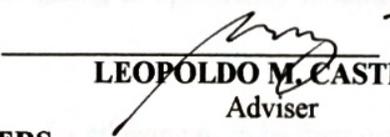**Sinabacan, Candelaria, Zambales**

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## APPROVAL SHEET

In partial fulfillment of the requirements for the degree Bachelor of Science in Computer Science this thesis entitled "Shifting Handwritten Records of Bantay-Dagat to Automated Record-Keeping System in Candelaria Zambales (SHARKS)" has been prepared and submitted by Hanzen Mae E. Ebilane, Joanne M. Soriano, Vincent Dennis H. Regatcho, Carl Jay Vidal, and Christian L. Mallari who are recommended for Oral Examination.

**LEOPOLDO M. CASTRO JR.**
Adviser

**PANEL OF EXAMINERS**

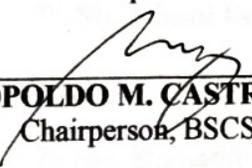Approved by the panel at the oral examination with the grade of _____.

**Prof. Jurelac D. Marquez**
Chair

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|---|---|---|
| **Dorothy Joyce Marquez-Ardiente** | **Rowela Gongora** | **Rae Angelica E. Espinosa** |
| Member | Member | Member |

Accepted and approved in partial fulfillment of the requirements for the degree Bachelor of Science in Computer Science.

**LEOPOLDO M. CASTRO JR.**
Chairperson, BSCS

**MENCHIE DELA CRUZ, Ph.D.**
Dean, CCIT

June 30, 2021

# Abstract

| | |
|---|---|
| **Thesis Title:** | Shifting Handwritten Records of Bantay Dagat to Automated Record-Keeping System in Candelaria Zambales |
| **Research Approach:** | Quantitative Research |
| **Researchers:** | Hanzen Mae E. Ebilane |
| | Christian L. Mallari |
| | Vincent Dennis H. Regatcho |
| | Joanne M. Soriano |
| | Carl Jay Vidal |
| **Curriculum Program:** | Bachelor of Science in Computer Science |
| **Adviser:** | Mr. Leopoldo M. Castro Jr. |

Automation is transforming traditional ways of keeping a record in a work place. The work tasks are typically automated with efficiency and effectiveness. The direct control in handwritten of human in keeping records is often decreased because of automation. Yet, fully automated system are rare, as humans still have to monitor. This study discusses the need of Bantay Dagat in automating the handwritten records of the organization.

The study applied purposive sampling which represents a group of different non-probability sampling techniques with quantitative as its approach and survey is used as research methodology. The researchers used total population sampling where the total population is manageable in size, that the total respondents of the Bantay Dagat is 14. The questionnaire was given to the respondents by the researchers.

Results indicate that the Bantay Dagat members needs to automate the records to avoid losing of records and have a back – up file of the previous records that the members created. Although most of the respondents are seniors, majority of the respondents are willing to learn in using computer.

The researchers recommend to prioritize in automating records of Bantay Dagat in Candelaria, Zambales to compile the records from the past up to present that the members created.