

**Form-4 Document**

**Capstone Design Specification**

**⁠CryptiDocs: A Safe and Open Web-Based Document Management System Employing Role-Based Access Control and Metadata Encryption**

**GROUP MEMBER:**

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Submitted for

Capstone Design Project

to Faculty of Computer Science

President University

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# STATEMENT OF ORIGINALITY

In my capacity as an active student at President University and as the author of the Capstone Design Project stated below:

Name : 1. Asyifadia Aqila Fauzan – 001202200130

2. Afsa Mifzal Zararghirfar – 001202200150

3. Egan Maheswara – 001202200079

Faculty : Computer Science

I hereby declare that my Capstone Design Project entitled “**CryptiDocs**” is to the best of my knowledge and belief, an original piece of work based on sound academic principles. If there is any plagiarism detected in this final project, I am willing to be personally responsible for the consequences of these acts of plagiarism and will accept the sanctions against these acts in accordance with the rules and policies of President University.

I also declare that this work, either in whole or in part, has not been submitted to another university to obtain a degree.

Cikarang, 2025

|  |  |  |
| --- | --- | --- |
| Signer 1 | Signer 2 | Signer 3 |
|  |  |  |
| Asyifadia Aqila Fauzan – 001202200130 | Afsa Mifzal Zararghirfar – 001202200150 | Egan Maheswara – 001202200079 |

# CRYPTIDOCS

Approved:

|  |  |
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| **Dr. Adhi Setyo Santoso, ST., MBA**  Dean of Faculty of Computer Science | |

# SCREENSHOT OF ZEROGPT

**PART 4**

**IMPLEMENTATION (F400)**

# DESIGNS IMPLEMENTATION

1. Functions/Procedure/Class implementation based on the design that has been explained in F300, Part C. Hierarchical/Iterative Design
2. Database implementation based on the design that has been explained in F300, Part C. Hierarchical/Iterative Design
3. Hardware implementation (if any).
4. User Interface implementation based on the design that has been explained in F300, Part C. Hierarchical/Iterative Design
5. Integration among every module based on the implementation explained in Parts 1, 2, and 3 above.
6. Implementation verification of Parts 1, 2, 3, and 4 explained above.

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| --- | --- | --- | --- | --- |
| **No.** | **Scenario** | **Every Possible Input** | **Expected Output** | **Output Result** |
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# PRODUCT DISPLAY

## SOFTWARE PRODUCT DISPLAY

## Explain/description of each of the components.

## HARDWARE PRODUCT DISPLAY

Explain/description of each of the components.

# COMPONENT COST ANALYSIS

Hh

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Item** | **Unit** | **Price per Unit** | **Total** |
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# MANUAL GUIDE

## SYSTEM BUILD DOCUMENTATION FROM THE SOURCE (Developer Perspective)

## SYSTEM INSTALLATION (Hardware, Software, Network installation from the user perspective).

## USER GUIDE PER USER ROLE (How the user can use the system i.e. what to click, what to fill, etc.).

# VIDEO DEMONSTRATION

Provide links to your video demonstration. The video must contain:

1. How to build a system

2. How to install the system

3. How to use the system

Please ensure that your video:

1. Provide clear video, not blurred, not dark, or pixelated
2. Provide clear audio, the voice is clear (not ‘far’) and minimum background noise.

# REFERENCES