



# Java Image Compressor

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UI-FA1-BSIT1-4

# MEMBERS

Delsolor, Herold Mel

Labita, Elizabeth

Quinto, Laurence

Silvias, Janin Anne

Solinap, Pearl Ann

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# **INTRODUCTION**



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# Overview of the Current State

We developed a software application that compresses images on smartphones and computers without compromising quality. It can compress various formats, such as .jpeg, .png, and .gif, saving considerable disk space. The user-friendly interface makes it accessible to everyone. Our aim is to provide a tool that can improve individuals' lives, especially students struggling with phone storage.



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# Statement of the Problem

Over 4 billion people worldwide lack internet access, and many are unaware of how to compress images. Barriers to internet use and image compression include lack of knowledge and awareness of its benefits.





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## **OBJECTIVE OF THE STUDY**

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# General Objective

We aim to develop an offline image compressor software program to assist users in managing and compressing their files anytime and anywhere.





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## Specific Objective

- Evaluate cost savings and faster transmission with offline image compression.
- Analyze benefits of offline image compression for social media user experience.
- Provide recommendations for implementing offline image compression.



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## Significance of the Study

This study explores how image compression can benefit society by saving costs and improving image transmission speed. It examines available technologies and their applications, and identifies opportunities for offline image compression to enhance social media user experience. The study's findings will provide insight into how offline image compression can improve user experience and reduce storage and transmission costs.



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# Scope and Limitations

Scope of the Study: Benefits and applications of offline image compression:

- Costs savings
- Transmission speeds
- User experience

Limitations:

- No consideration for security risks associated with offline image compression
- No consideration for potential copyright infringement implications
- Only considers offline image compression technologies (not online)



**Thank  
You!**

