

Academic Writing

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What is Academic Writing

- Academic writing is a formal style of writing used primarily in universities, research institutions, and scholarly publications. It is all about communicating ideas clearly, logically, and objectively.
- A few key traits of academic writing:
 - Clarity and precision: No fluff, just straight-up reasoning.
 - Evidence-based: Claims are backed by citations and references.
 - Objective tone: It avoids slang, personal opinions, and emotional language.
 - Formal structure: Often includes an introduction, body, and conclusion.

Writing Report

- What are those sections about
- What to write in each section

Sections

- Requirement Analysis
- System design
- Implementation
- Results

Requirement Analysis

- Here you should analysis the requirements. Usually, it start from functional requirements to non-functional requirements.
- User case diagram is often used here to describe functions.
- This section if for requirements, it does not contain design or implementation.

System Design

- In this section, we usually design the classes the system needs using class diagrams or class tables.
- The system architecture is also designed and shown with figures.
- Other software engineering tool are also used here such as flowchart, ER Graph.
- Do not have any codes in this section. This is not the implementation section.

Implementation

- In this section, please describe how you implement the functionalities you analyzed in requirement analysis section then show the codes.
- Do not only pasting codes with no description.

Results

- In this section, you should first introduce the hardware software environment. Then describe each figures and cite the figure by using the phrase such as “ as shown in figure 5.x”
- Do not listing figures with no words.

Do and Don't

Reporting things with long paragraphs

Listing things or using short paragraphs or with bullets

Using objective tone

Using I and we

Positioning your figures and texts carefully

Leaving too much blank area

Making your figures in proper size

Making big figures

Listing Things

Here are the goals for developing a mobile application that allows individuals to purchase and sell goods online:

1. User Registration and Login

- To register, users need to be able to provide their name and email address.
- Set up a password-encrypted secure login mechanism.

2. Product Listings: People need to have the ability to make listings for goods they wish to sell.

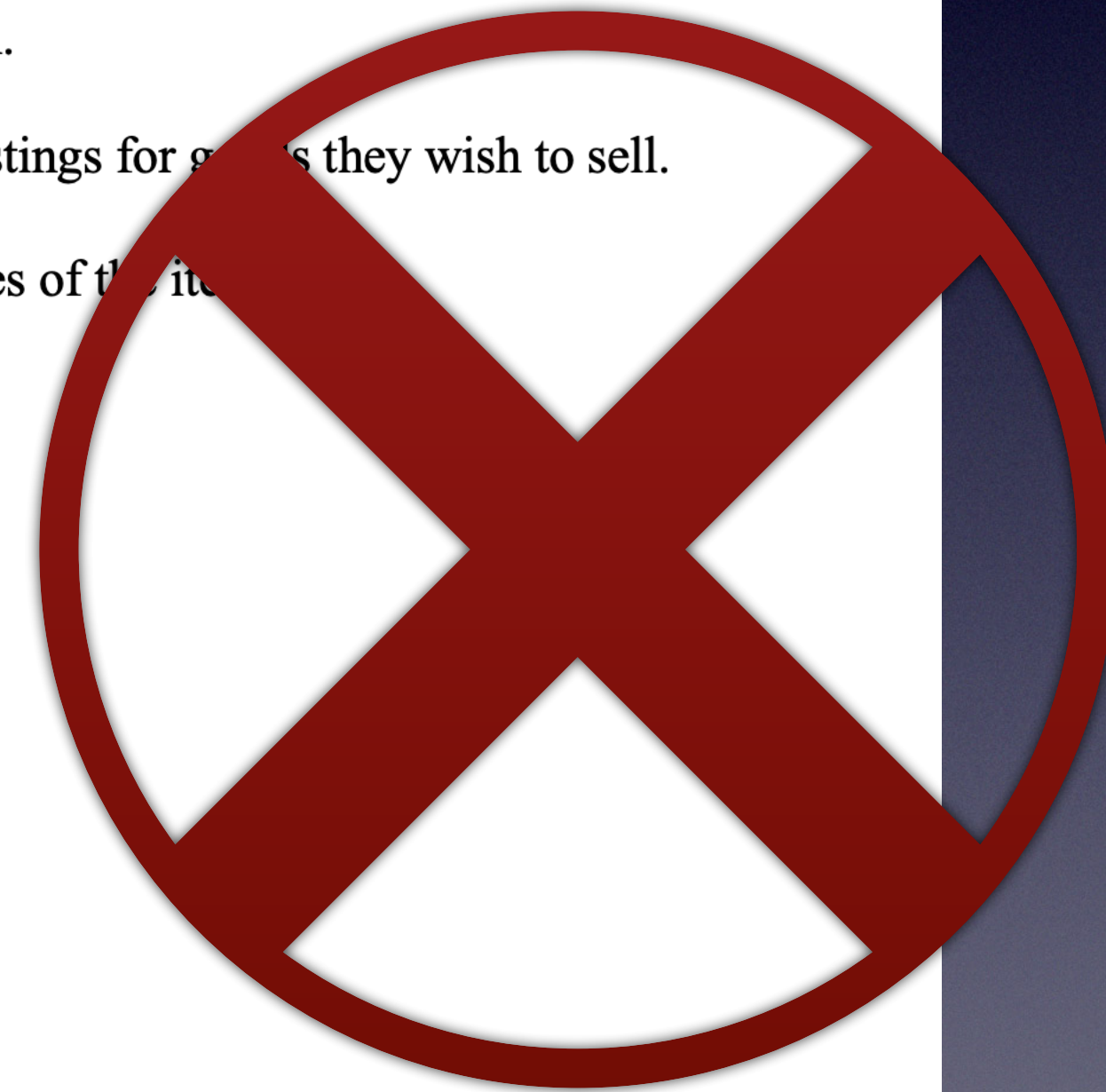
- Add fields for the name, description, cost, and pictures of the item.
- Use tags and categories to make browsing easier.

3. Browse and Search Capabilities

- Permit users to do keyword-based item searches.
- Offer filters based on area, price range, and category.
- Provide options for sorting.

4. User Profile

- Allow users to create personal profiles with information and listings.
- Provide facilities for editing profile details and managing listings.



Large Figure with Incorrect Positioning

