HO CHI MINH CITY NATIONAL UNIVERSITY

UNIVERSITY OF NATURAL SCIENCES
FACULTY OF INFORMATION TECHNOLOGY

PA1

POTENTIAL SOLUTIONS

Subject: User Interface Design

Instructor guides:
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A. INTRODUCTION

1. Group information

GROUP 14			
No.	**Student ID**	**Fullname**	**Email**
1	21127234	Nguyễn Lê Anh Chi	nlachi21@clc.fitus.edu.vn
2	21127235	Nguyễn Xuân Quỳnh Chi	nxqchi21@clc.fitus.edu.vn
3	21127495	Lê Ngô Song Cát	lnscat21@clc.fitus.edu.vn
4	21127659	Bùi Ngọc Kiều Nhi	bnknhi21@clc.fitus.edu.vn

2. Assign task

No.	Responsibility	Task	Level of completion
1	Nguyễn Lê Anh Chi	2.2	100%
2	Nguyễn Xuân Quỳnh Chi	1.2	100%
3	Lê Ngô Song Cát	1.1, 1.2	100%
4	Bùi Ngọc Kiều Nhi	2.1, 2.2	100%

B. POTENTIAL SOLUTIONS:

1. Product 1

1.1. Name and domain of the product:

- **Name**: The IELTS Workshop.
- **Domain:** Web-based platform for IELTS learning.
- **Link:** https://theieltsworkshop.com/

1.2. Solutions:

1) **Unclear Error Display:**
   - Clearly state what went wrong with exact and specific error messages and provide guidance on how to fix the issue. In the scenario described in the Drawbacks section, at the date field, prompt users to input text that has been pre-formatted, for example: dd/mm/yyyy, and provide a specific example: 12/06/2024.

2) **Inconsistent In Button Colors, Text Formatting, Languages, Layout Designs and Form Designs:**
   - Establish a style guide or design system that outlines guidelines for color usage, typography, language usage, and form design. This guide should be followed consistently by all designers and developers working on the project.
     - For button colors, establish a set palette of colors that complement each other and align with the brand identity. Ensure that buttons with similar functions or purposes have the same color throughout the interface.
     - For text formatting, establish standards for font size, style (such as bold, italic or underlined), and alignment.
     - For languages, determine the primary language of the target audience and ensure that all interface elements are consistently presented in that language. Avoid mixing languages within the same interface. The primary language chosen is Vietnamese, since the website is used for the Vietnamese who are preparing for the IELTS exam.
     - For layout and form designs, establish a consistent layout and consistent structure for all forms across the interface. This includes the placement of input fields, labels, buttons, any additional instructions or help text.

3) **Form Misalignment:**
   - Resize elements as needed to fit within the form's boundaries without extending beyond them. In the scenario described in the Drawbacks section, shrink the length of the CAPTCHA section so that it does not exceed the form boundaries.

4) **Button Misplacement:**
   - Select an appropriate position for the button, ensuring that users can easily see and click on it. In the scenario described in the Drawbacks section, move the button closer to the registration form.

5) Content Obstruction By Images:

- Adjust the position of the images and content so that they do not overlap, while ensuring the layout of the interface is maintained.

6) Button Color Blending With The Background Color:

- Adjust the button color to create a clear contrast with the background. To achieve, we select a color that stands out against the background. For example, if the background is light, use a darker color for the button, and vice versa. In the scenario described in the Drawbacks section, since the background color is intensely bright golden color, the button colors can be dark gray.

7) Confusing Button Names:

- Name the buttons to be more descriptive, intuitive and accurate. The button names should clearly indicate their purpose or function, ensuring clarity for users.

8) Excessive visibility detracts from simplicity:

- An interface should only display the most important components or information and eliminate unnecessary elements. In the scenario described in the Drawbacks section, the interface should only display the English proficiency test registration form.

2. Product 2

2.1. Name and domain of the product:

- **Name:** IELTS Liz.
- **Domain:** Web-based platform for IELTS learning.
- **Link:** https://ieltsliz.com/

2.2. Solutions:

1) Overwhelming Interface:

- Implement a tiered content structure that categorizes lessons by difficulty level (beginner, intermediate, advanced). This allows newcomers to start with suitable content, gradually progressing to more complex materials, thereby preventing information overload.

2) Limited Interactivity:

- Integrate interactive exercises where users can directly input answers and receive immediate feedback. This can include drag-and-drop activities, fill-in-the-blank questions, and interactive quizzes. Additionally, offering periodic live Q&A sessions or webinars can enhance real-time engagement.

3) User-unfriendly Navigation:

- Redesign the search functionality to display only the titles and brief descriptions of the lessons in the search results. Implement a filtering system that allows users to narrow down results by section (e.g., Reading, Writing) and difficulty level. Streamlining the navigation menu to make it more intuitive can also improve user experience.

4) **Boundless Comment Section:**
   - Introduce a collapsible comment section that allows users to expand or hide comments as needed. Implement a voting system to highlight the most useful comments and organize comments into threads to keep discussions focused and relevant. Divide the comment section into several pages if it gets too long.

5) **Poor Information Architecture:**
   - Implement a clear and accessible table of contents or a site map to help users quickly locate the information they need, increase the efficiency when users need to look for any specific information.

6) **Technical Accessibility:**
   - Optimize the website for faster loading times and lower data usage by compressing multimedia content. Provide downloadable PDF versions of lessons and practice materials to ensure that users with limited internet access can still benefit from the resources.