Comparing Web Accessibility Awareness of Hong Kong with That of the Rest of the World

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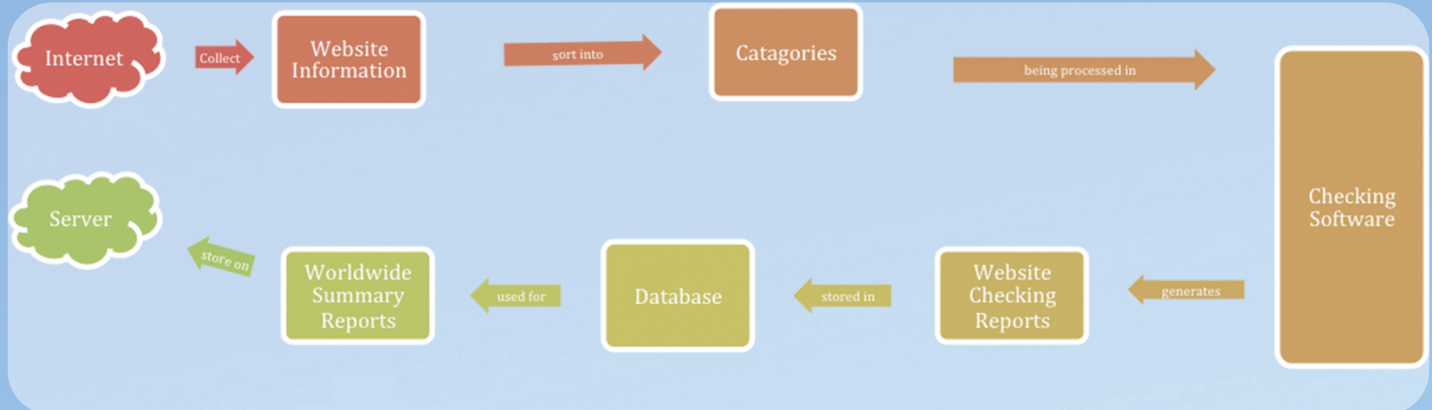
INTRODUCTION

Web Accessibility is becoming an important issue for both web developers and people with disabilities. It helps people with disabilities by removing some barriers that they face so that everyone can fully access the same information. An accessible website meets the needs of different kinds of people, especially people with visual impairments, thus facilitating a digitally harmonious society.

GOALS AND OBJECTIVES

The main goal of this project was basically to try to *COMPARE THE WEB ACCESSIBILITY AWARENESS* of Hong Kong with that of the rest of the World. We compared various categories of websites in both Hong Kong and the rest of the world to see how well websites conform to WCAG 2.0. A secondary goal was to provide a tool to check any webpage for web accessibility and *provide a score along with suggestions* for improvement where it is needed.

1. Collect websites all over the world

2. Categorize the websites collected

3. Check the HTML code with selected WCAG 2.0 guidelines, and mark them with a score.

4. Give suggestions based on the WCAG 2.0 guidelines.

5. Provide a GUI that shows the score, report and suggestions to a given URL.

6. Provide a summary reports of our worldwide web accessibility comparison, and present them on a GUI.

Flow and Screenshot

Website Analysis

- [The Grade](#)
- [Catalog](#)
- [Country](#)

> We will analysis your website here. Choose the country and catalog, don't forget to press the "submit"
> Then enter the URL and press "Submit".

Country

America ▼

Category

Amusement ▼

Language

English ▼

Website

[   ]

Submit

List of Countries and Categories

America
Australia
Belgium
Brazil
Canada
China
Czech Republic
Europe
Finland
France
Germany
Greenland
Hong Kong
Hungary
India
Italy

Japan
Korean
Luxembourg
Netherland
Poland
Russia
Singapore
South Africa
Spain
Sweden
Taiwan
Thailand
Turkey
UK
Ukraine

Amusement
Art
Business
Computers
Cuisine
Entertainment
Education
Fashion
Finance
Game
Government
Health
Home
Lifestyle

Multi-topic
 platform
News
Pop music
Recreation
Reference
Regional
Religion
Science
Self-
 improvement
Shopping
Social
Sports
Technology
Travelling

Sustainability

In terms of sustainability, we have hosted our project on the Internet. Publics may help the project by inputting URLs in our GUI.

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