

COMP2003HK Computing Group Project (22/AY/AUNS/M) Group-7



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Content

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Project aims

- Client introduces on project scope which the project covers the following services:
- Build a public website and build a mobile app(or multi-platform website)
- Provide options for researcher to upload photos either by web or app or both.
- Design and develop content management system for admin user to update website content.
- Perform system testing and security check to ensure the project is in the right track.

Project aims

- Client provides information on current environment of existing website.
- Provide a platform for the public to record the rare species in Hong Kong and share their findings by uploading photos of the extralimital species.
- Server stores the photos uploaded by the public via web.
- List of Hong Kong Birds will be published on the official website and app.
- Keep the public abreast of the latest news and activities related to the organization.
- A Survey form in excel format is used to gather surveyor information, such as location, date, time, name of surveyor, photo.
- A Species information form in excel format is used to record rare species exist location, name of surveyor, photo.

Project aims

- Client present user requirements and scope of work.
-
- Front-end applications (Web and app):
- Bilingual website (English and Chinese)
- Public submission:
- Collect Species seen before by uploading information such as Date / Time / Location / Date / Time / Location / amount of birds / range of birds in the same species / types of species can be chosen.
- Share how they interact with birds.
- Submit photos or videos for publishing approval (must include in each submission)
-
- Content Management System (CMS):
- Set roles: Admin and Moderator. Admin is the highest-level role permission. Admin can modify system content and delete posts.
- Allows public posts and likes. Approval process given to CMS Admin to avoid public inappropriate comments.
- Enable moderator approval. Survey record need to be approved by the moderator.
- Notifications on/off
- Web / App content editing

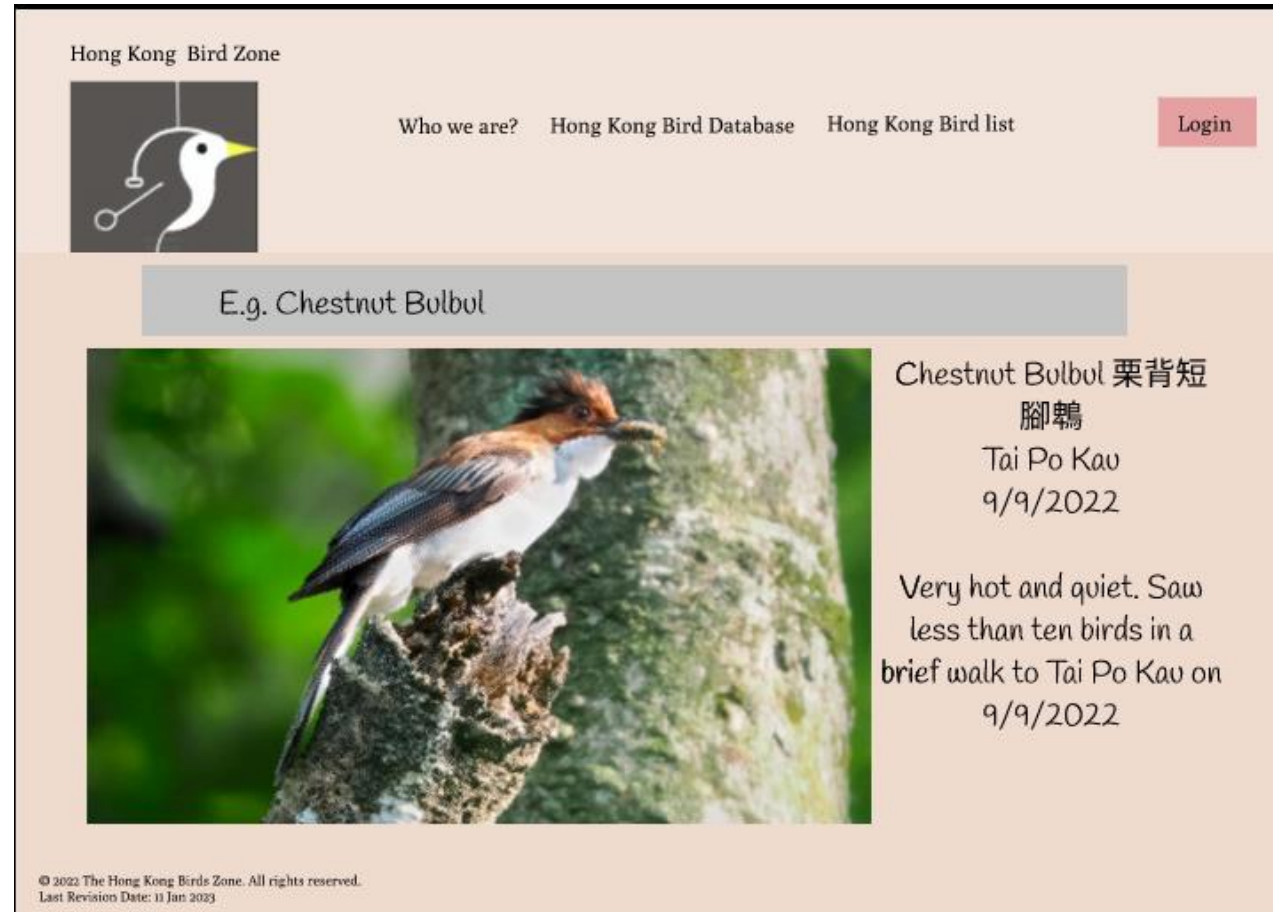
Project aims

- Client concerns on the security level of major deliverables and the potential vulnerabilities. Technical measures include encryption, store and use of data.
- Data protection is important.
- Limiting the types and amount of personal data collected could minimize the risk of data jeopardize on unused personal private data.
- It is encouraged to address data encryption at rest and/or in movement to prevent data breach.
- Add an ownership of copyright notice to remind not to steal the photos and improper use of photos.
- Photography usage rights agreement provided to public before he/she uploads photos.
- Copy and paste images is not preferred. Project Team need to provide solution to cater this issue.


Prototype

- In this part, our team ready webpage and app side design, the design for both a the same design.
- This is a first round design, having update design on second round.
- The next page shows the webpage design and app side design.

Prototype-Webpage design-First page



Prototype-Webpage design-Login page



HONG KONG Bird Zone

Login

[Join Us ?](#)

Password

[Forget Password ?](#)

Login

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Last Revision Date: 11 Jan 2023

Prototype-Webpage design- user registration

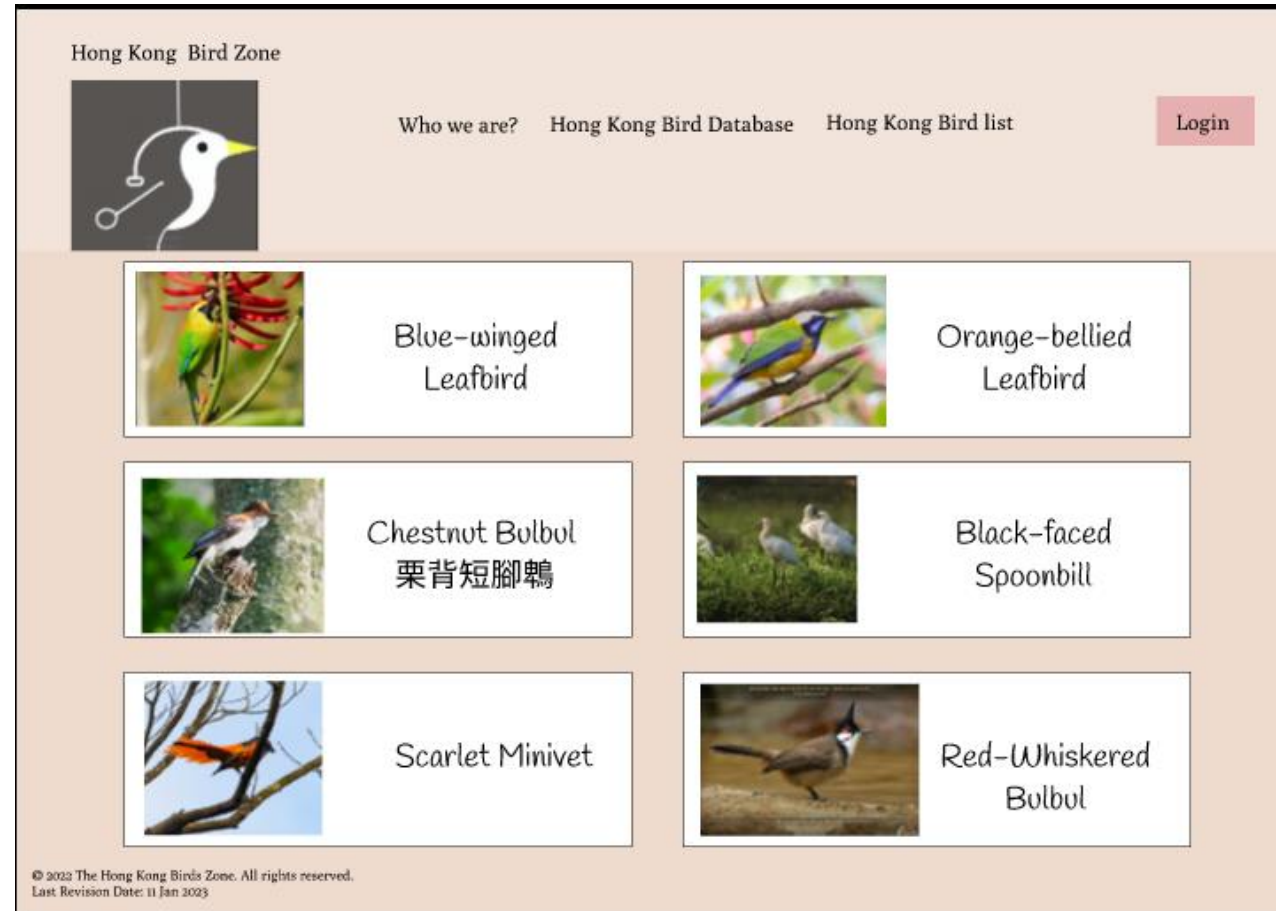


HONG KONG Bird Zone Registration

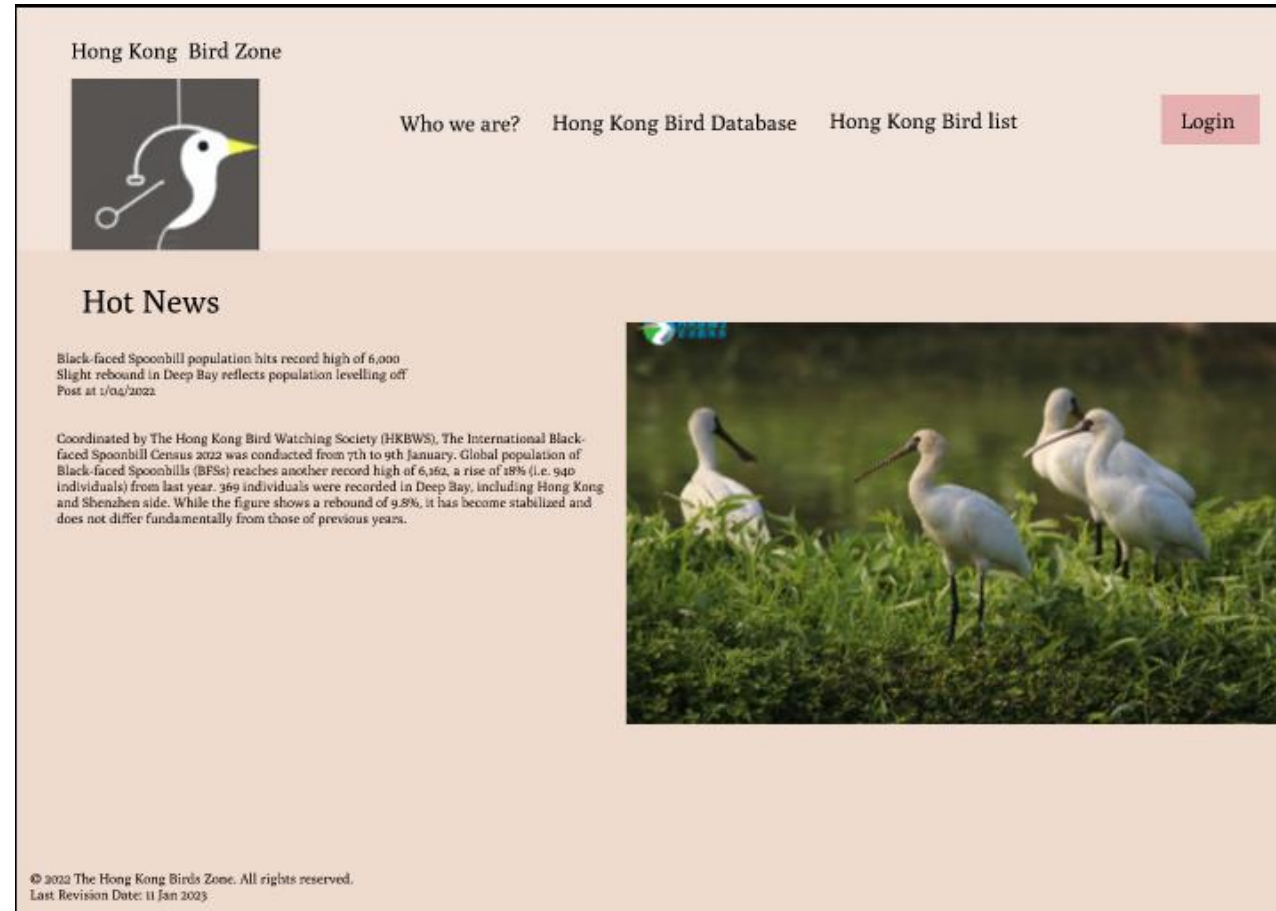
Email	<input type="text"/>	User Name	<input type="text"/>
Password	<input type="password"/>	Name	<input type="text"/> <input type="text"/> <input type="text"/>
Confirm Password	<input type="password"/>	DOB	<input type="text" value="1900/1/1"/>
Phone	<input type="text"/>	Address	<input type="text"/> <input type="text"/> <input type="text"/>

☐ I agree with the Hong Kong Bird Zone website [Privacy Policy](#) and [Collecting and Using My Personal Data.](#)

Prototype-Webpage design- bird list



Prototype-Webpage design- update news




Prototype-Webpage design- forgot password

Forget Password


Please enter the email address for
reset teh password.

Email

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HONG KONG Bird Zone



Prototype-Webpage design- create new bird

Hong Kong Bird Zone



Who we are? Hong Kong Bird Database Hong Kong Bird list

Login

Create New Entry

Your Name

Date

Location

District

Species

species

Category

Photo / Video

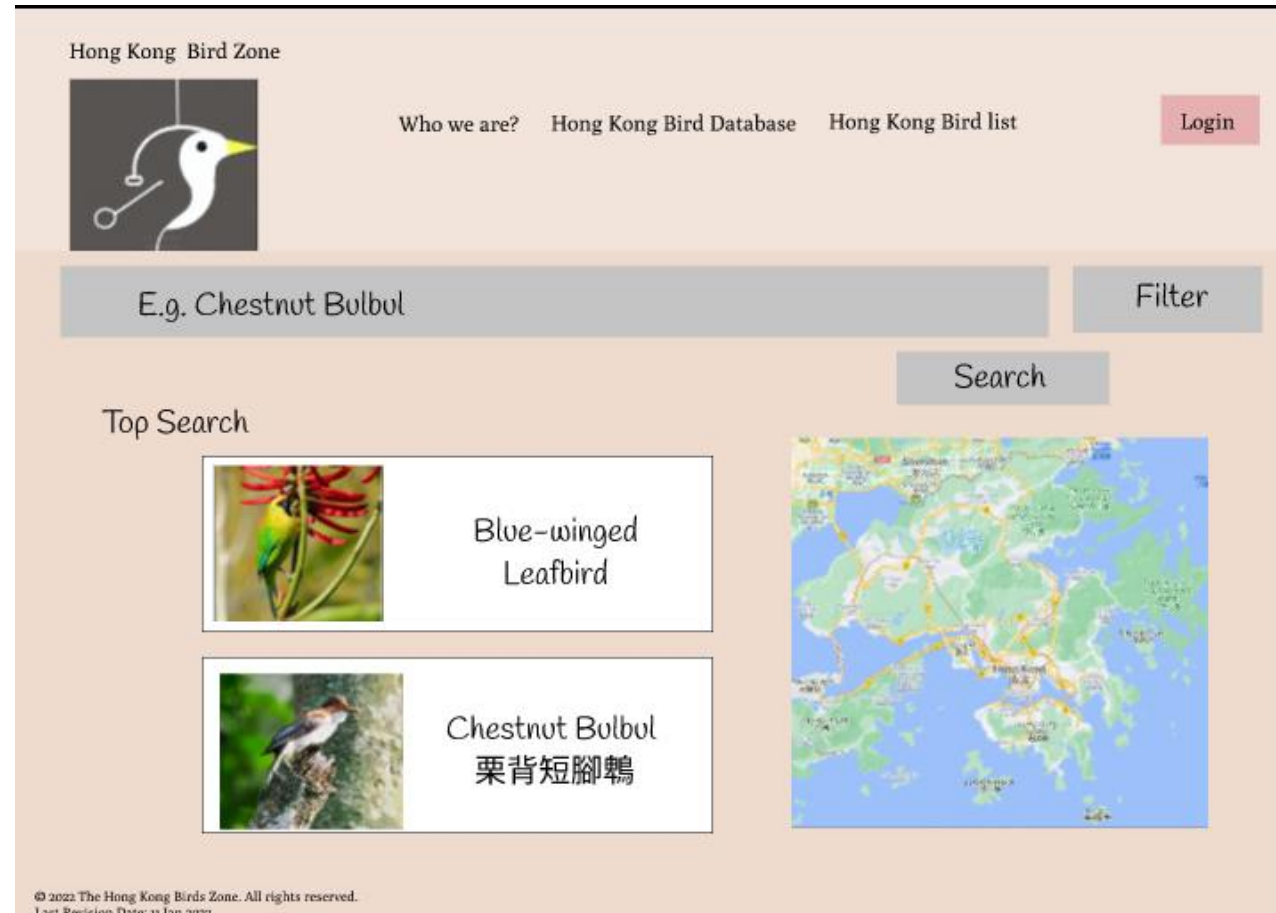
Upload

Upload photos below (maximum of 1 files, up to 5 MB each)

☐

I acknowledge I am the the sole owner of the photos/audio uploaded. I give my consent to the Hong Kong Birds Zone to use and display my photos/audio with appropriate credits (optional).

Prototype-Webpage design-search page



Prototype-App design-first page




Prototype-App design- record



Prototype-App design-Create New Bird

[<Back](#)



HONG KONG Bird Zone

Create New Entry

Your Name

Date

Location

Species

Photo / Video

Upload photos below (maximum of 1 files, up to 5 MB each)

☐ I acknowledge I am the the sole owner of the photos/audio uploaded. I give my consent to the Hong Kong Birds Zone to use and display my photos/audio with appropriate credits (optional).

Project Plan overview

- We are ready for all part, after the meeting we get change for some part. Our team start to doing hold webpage and app now.