

Project Demo Hong Kong Bird Hub

Presented By - Group 9

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Demo Outline

PART 1	Project Aims
PART 2	Project Objectives
PART 3	Project Plan Overview
PART 4	Prototype Demo



Project Aims

This project is to develop a cross-platform natural science survey system about birds in Hong Kong. The project aims to help surveyors keep records conveniently and reliably and to inspire a love of nature in the general public by providing channels for public participation.





Project Objectives

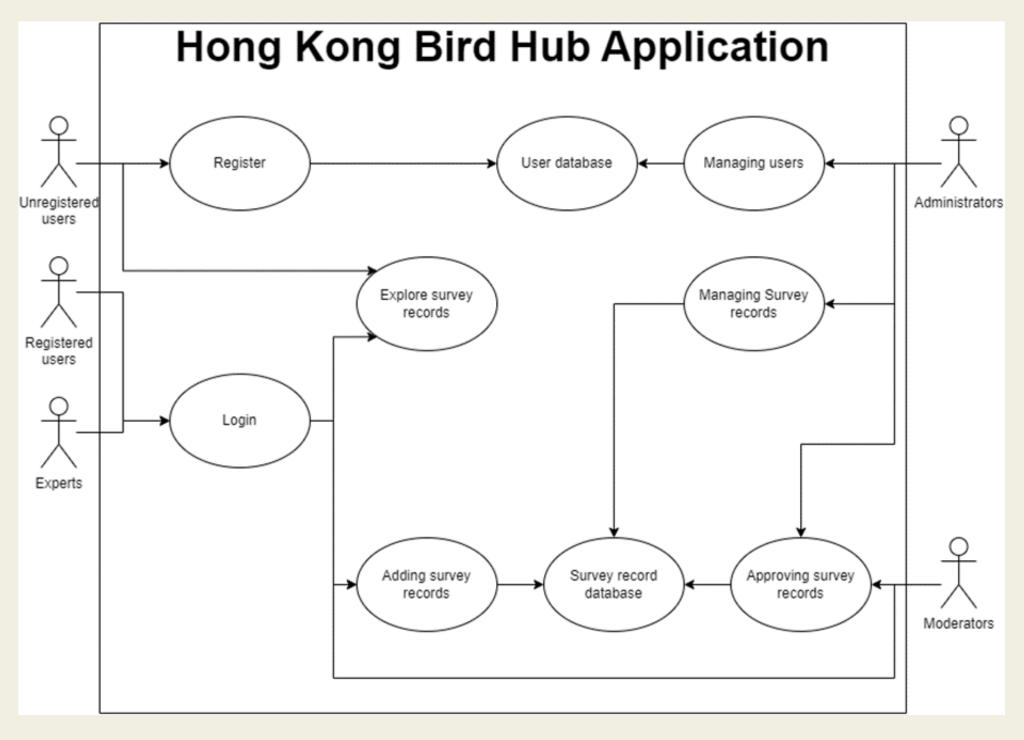
- To conveniently enable surveyors to record and submit survey information using digital devices, including computers, tablets and mobile phones.
- To allow researchers to find the species they need using the search function.
- To provide an easy-to-use interface for moderators to approve survey information submissions.



Project Plan Overview

Hong Kong Bird Hub (HKBH) is a cross-platform online system which provides instant access to a database of bird observations. Whether you are a scientist, researcher or amateur naturalist, HKBH is a user-friendly application to keep records of species conveniently, safely and securely. It is also fun for the general public to use HKBH to share their bird observations while a love-to-nature message is inspired as everybody participates. Unlike other applications, all information submitted to HKBH is approved before being published to the general public.

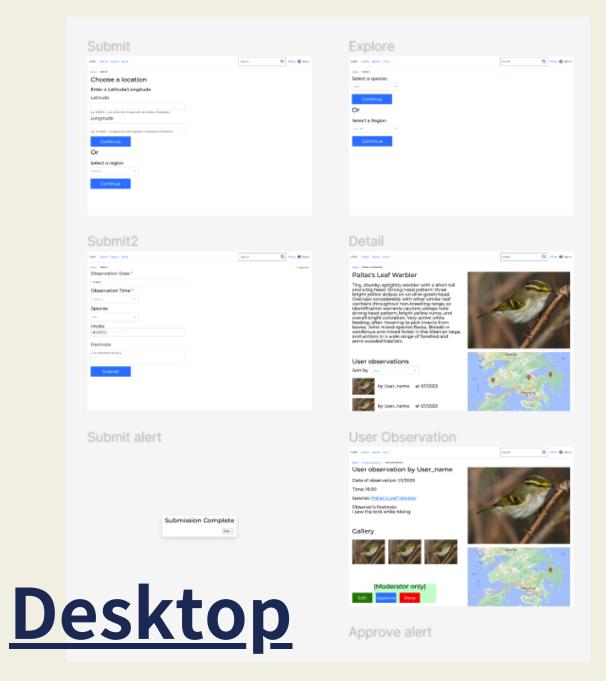
Use Case Analysis



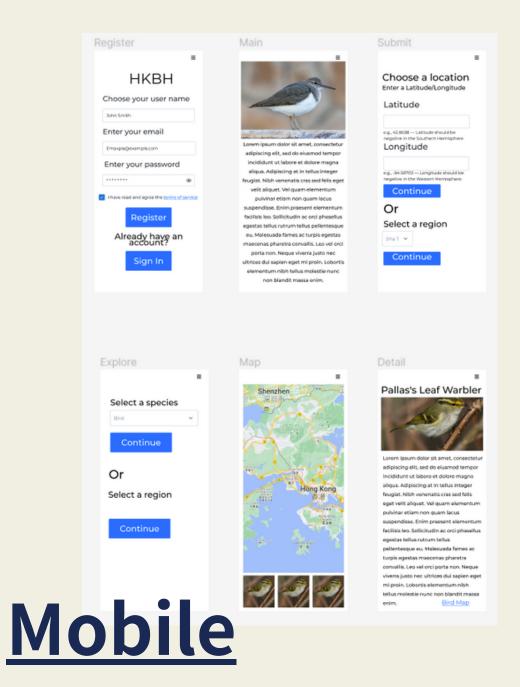
Sprint Plan

Mar May Dec Feb Apr Jan Week 1: Week 1-2: Week 1-2: Week 1-2: Week 1: Week 1: - Completing CRUD - Completing front end - Completing front end - Integrating front end - Final checkups and Initial project planning prototype core functions (Web functions for API and back end testings Confirming pages, registration, media upload and - Completing database requirements infrastructure display) Week 2: Week 2: Week 2: - Completing security - Delivering the project - Refining project plan functions - Application design planning Week 3-4: Week 3-4: Week 3-4: Week 3-4: Week 3-4: - Completing user - Collecting sample data Start front end - Start front end - Start API and database interaction and prototyping development development - Testing and debugging management functions

Prototype Demo



https://bit.ly/hkbh-prototype-desktop



https://bit.ly/hkbh-prototype-mobile

Demo Resources

Presentation	https://github.com/hkuspace-pu/project-submission-group- 9/blob/main/Project%20Docs/COMP2003HK-2022-Group9-Marketplace-Demo.pptx
Prototype	https://github.com/hkuspace-pu/project-submission-group-
(Desktop)	9/blob/main/Project%20Docs/HKBH_Prototype_Desktop.fig
Prototype	https://github.com/hkuspace-pu/project-submission-group-
(Mobile)	9/blob/main/Project%20Docs/HKBH_Prototype_Mobile.fig