Collaborative Fact Check - Power of the Crowd
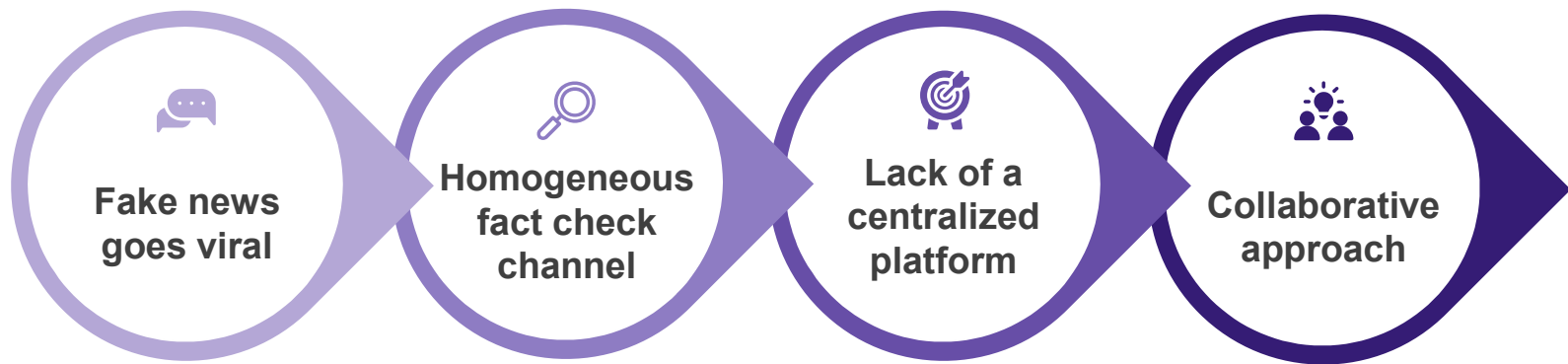
CU
GO

Supervisor: Prof. Michael R. LYU
Au Tak Tung 1155092669
Chan Wai Yi Vivien 1155093261

Outline

1. Motivation

Fake news goes viral

Homogeneous fact check channel

Lack of a centralized platform

Collaborative approach

02. Technology

Flutter

Firebase

Google API

Algolia

03. Main Functionalities

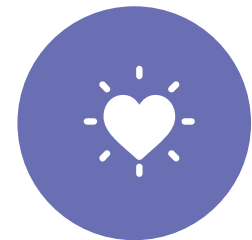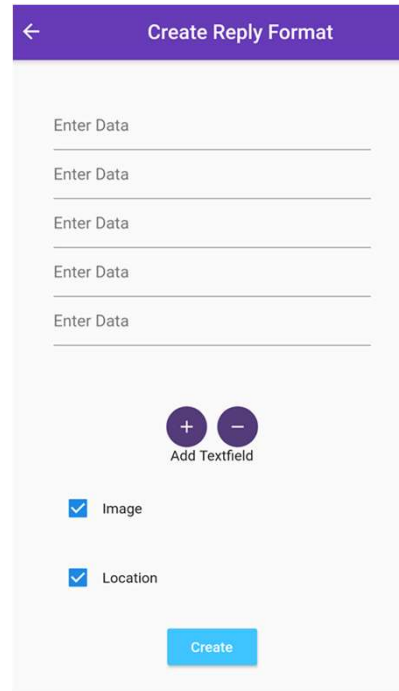**Create Post**

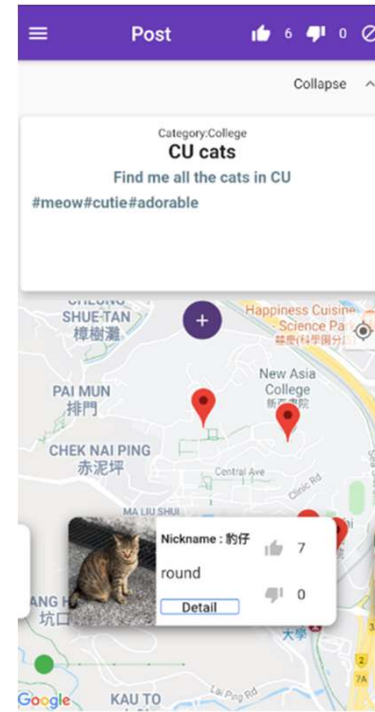**Reply Post**

View Post

Fact Vote

Keyword Search

Browse Recommendation, History etc.
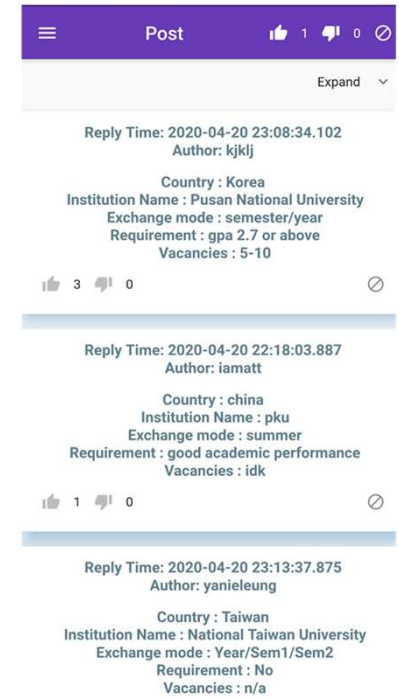
03. Key Features

" Especially built for fact-checking in CUHK "

Customizable Reply Format

Interactive Map

Credibility System

04. DEMO

05. Real-life Scenario

Cats, Plants in CU
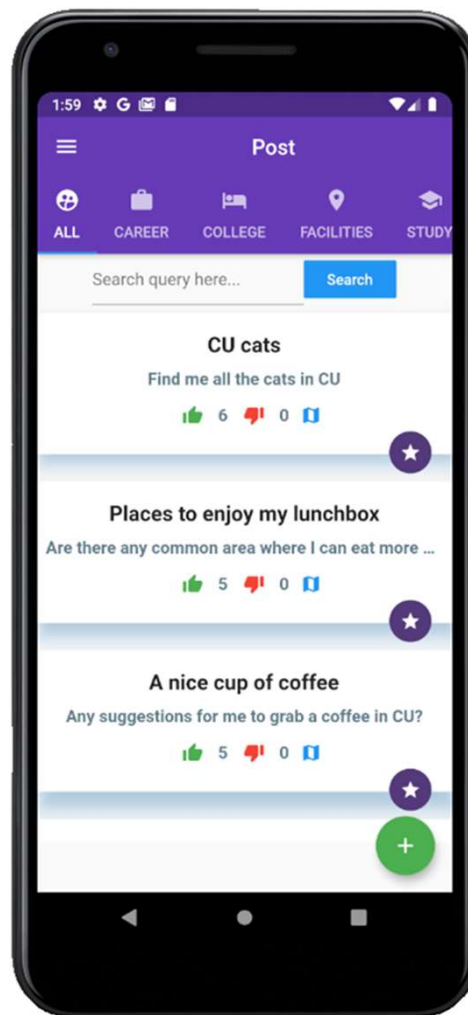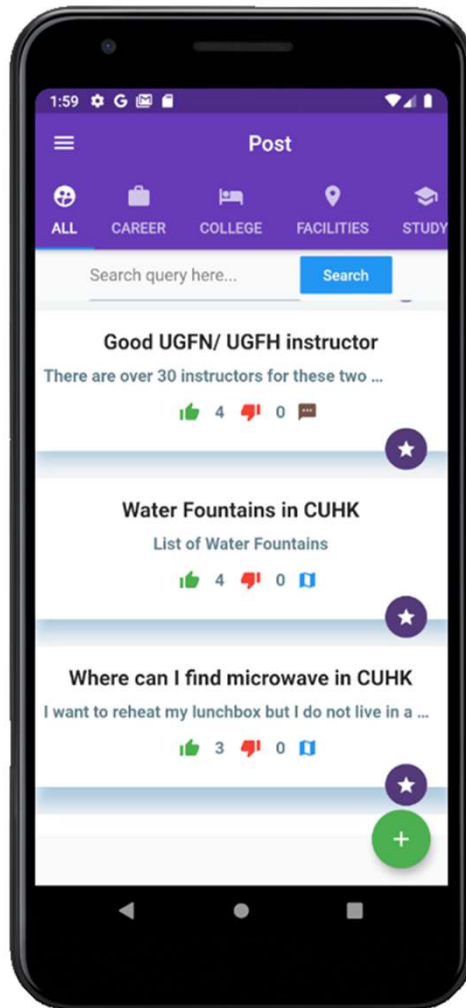
Look up in the database

Emergency incidents

Create a post to verify the news or inform others

Course registration and facilities

Reply in a post to build an extensive database

05. Real-life Scenario

Cats, Plants in CU

Look up in the database

Emergency incidents
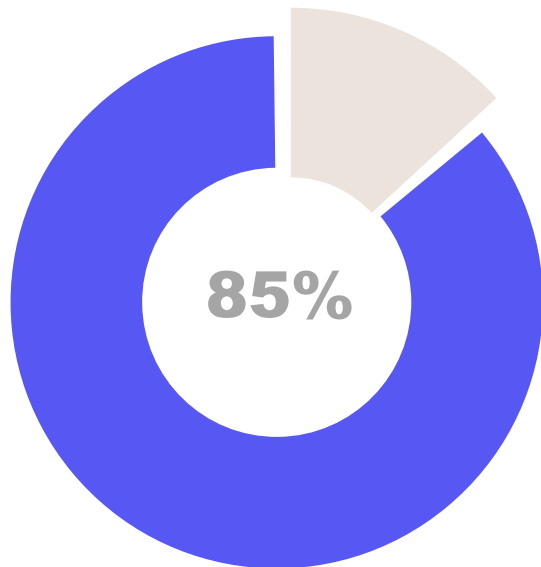
Create a post to verify the news or inform others

Course registration and facilities

Reply in a post to build an extensive database

06. VIDEO

85%

Functional Testing

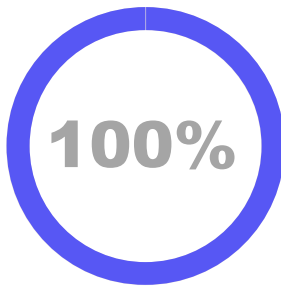Divided into 53 test components

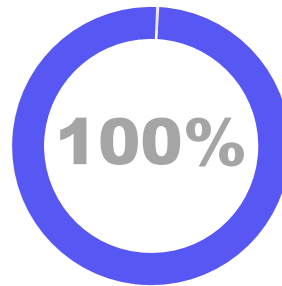85% Accepted
15% Slow response

Slow Response Factors:

- Uploading Action

- Authentication

- Google Map

Usability Testing

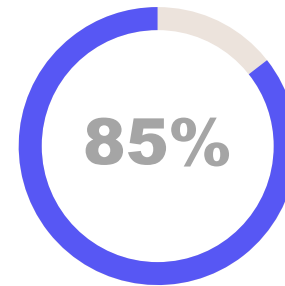Collect feedback from user

100%

Effective in verifying content

100%

Satisfied/ Neutral with reliability

85%

Satisfied with security

The most important function

Add reply

Give rating

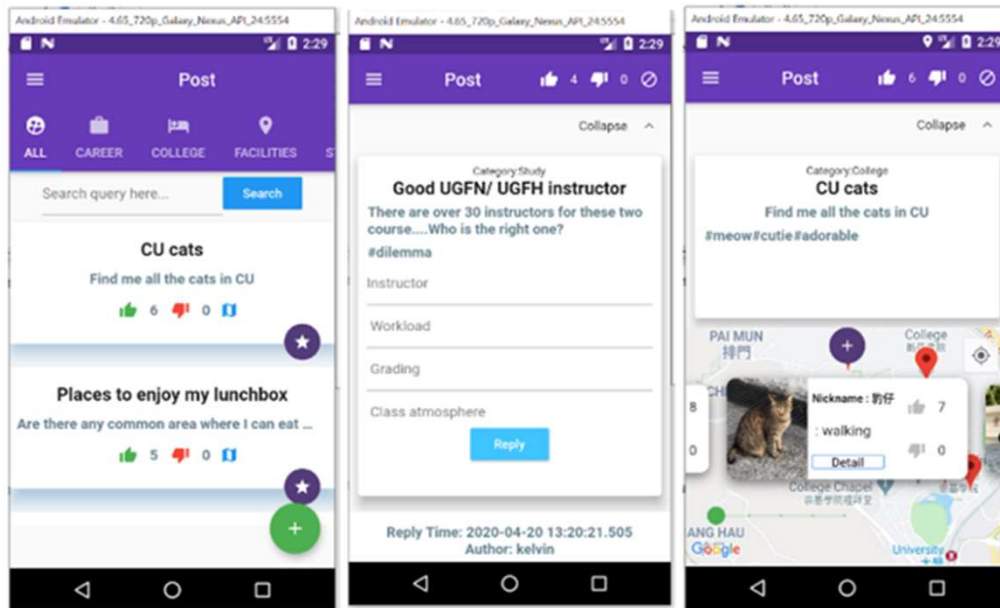**Create post**

Interactive map

| 24% | 28% | 15% | 33% |

UI Testing

01. **720 x 1280 API 24**

Accepted

02. **1080 x 2220 API 28**

Accepted

03. **2560 x 1800 API 26**

Accepted

UI Testing

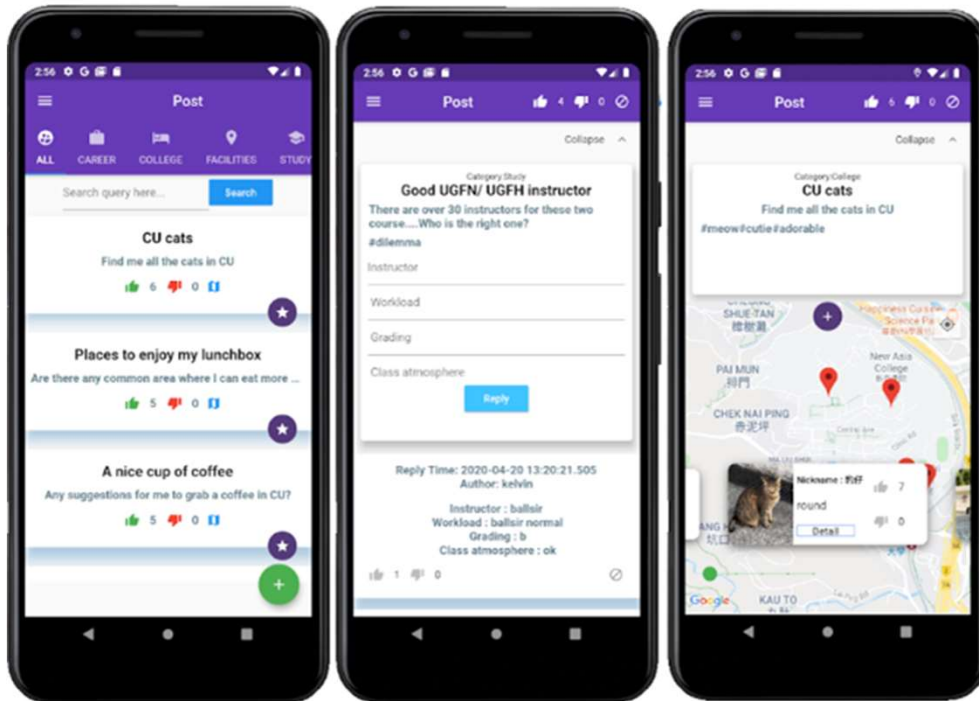**01.** 720 x 1280   API 24

Accepted

02. **1080 x 2220 API 28**

Accepted

03. 2560 x 1800 API 26

Accepted

UI Testing

01. 720 x 1280　API 24

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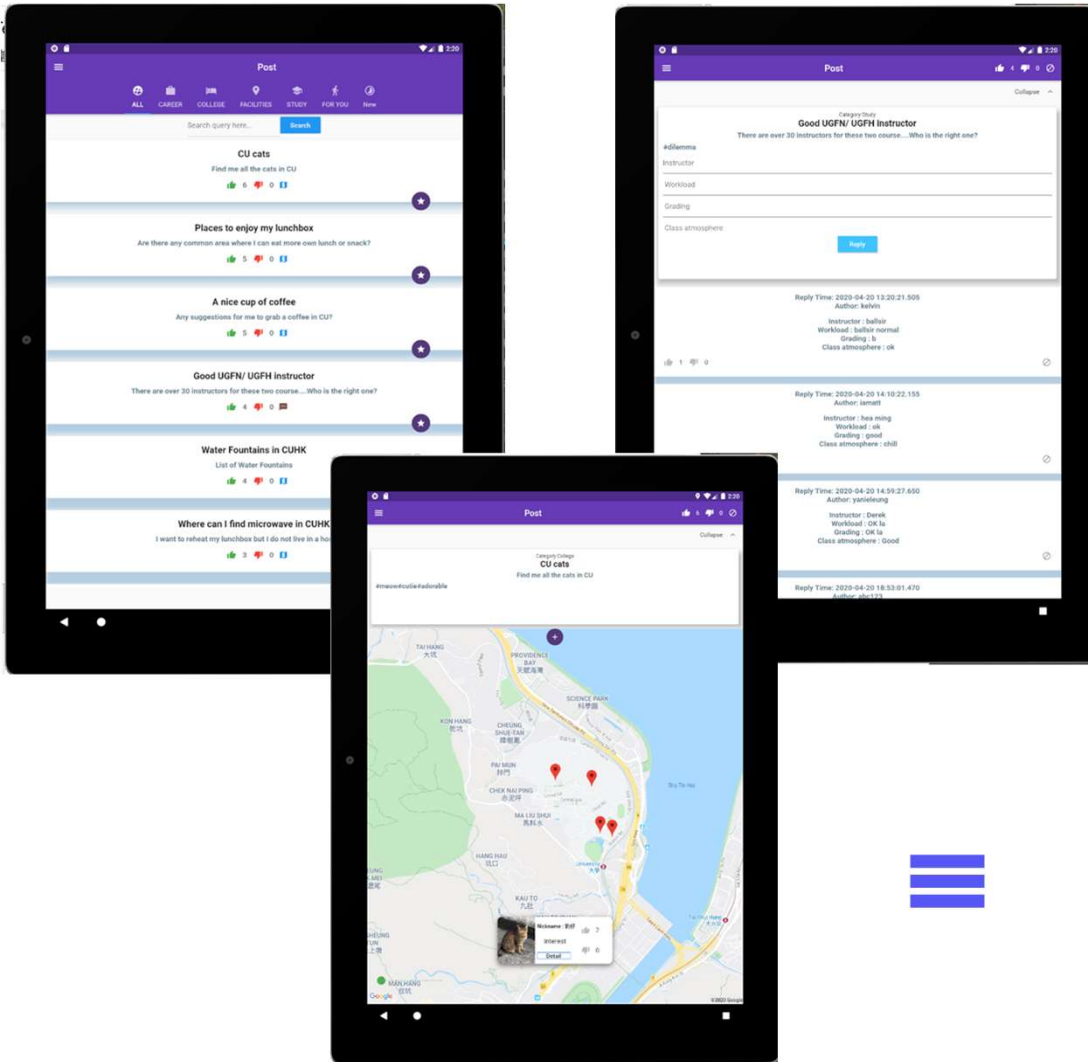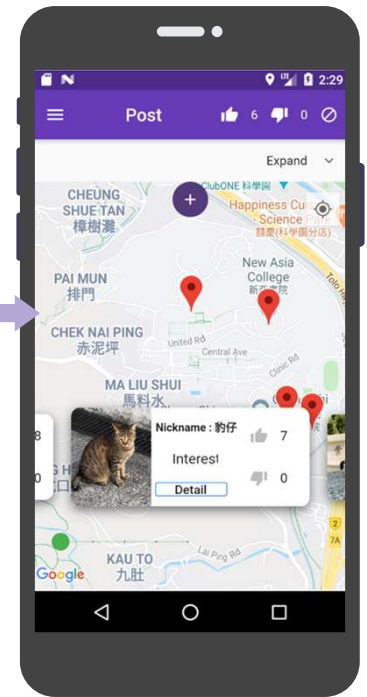
Accepted

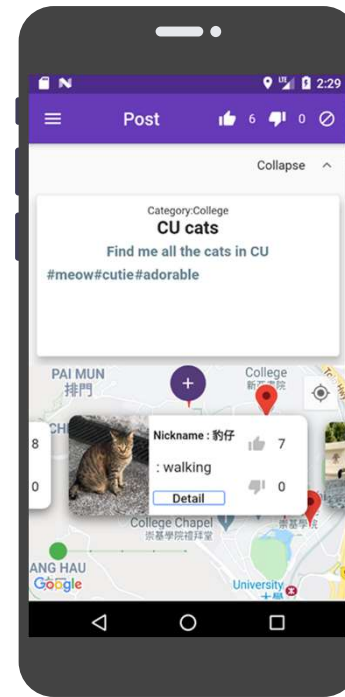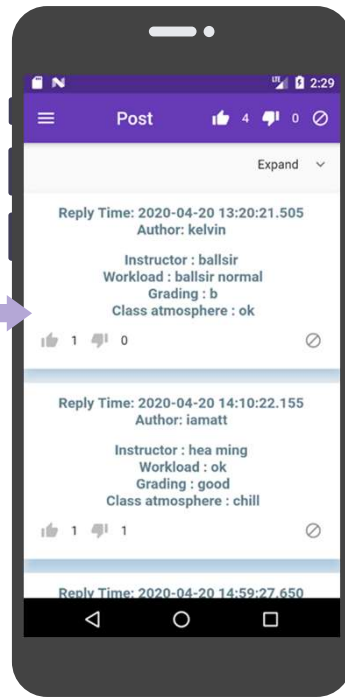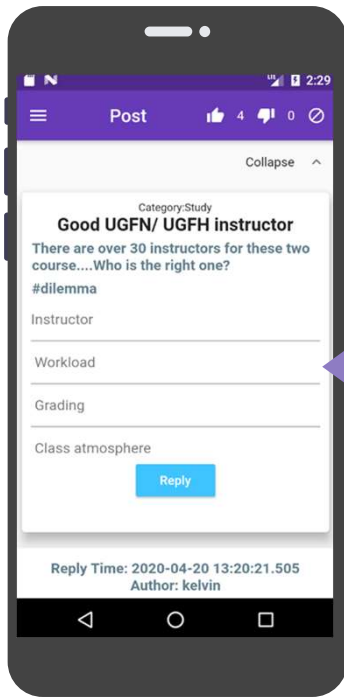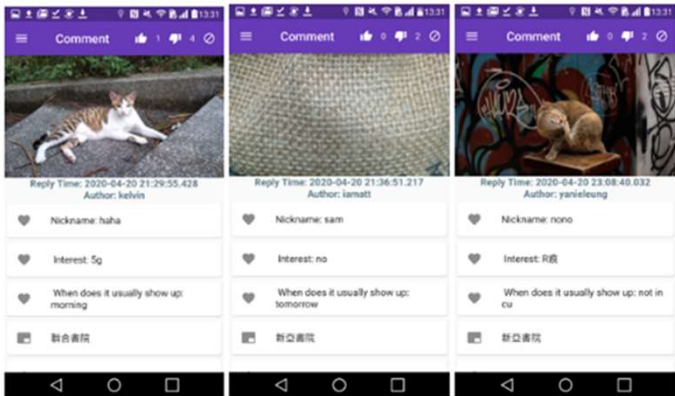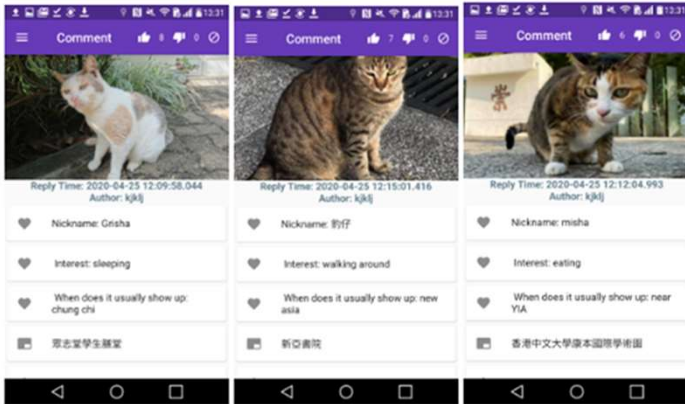**03.** 2560 x 1800　API 26

Accepted

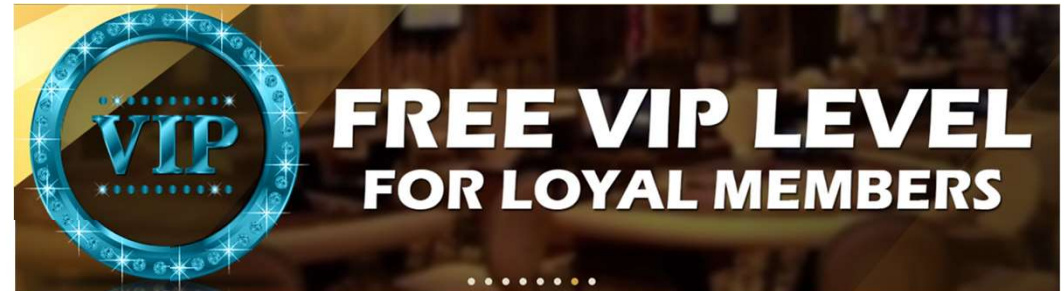# UI Testing - Improvement :
Collapse / Expand

Fact-checking

CU Cats

- First three cats: 100% upvote

- Last three cats: 80-100% downvote

- Reflects credibility

Our vision

Enhance user motivation
encourage user to participate actively

Public database

build an extensive database which allow instant query by collaborative effort

- forensic purpose
- CUHK Orientation day

Conclusion

Target CUHK users

As a fact-check supporting tool

Featuring Credibility System

Built by collaborative effort

Q&A

Thank you