Collaborative Fact Check - Power of the Crowd

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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
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
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06. VIDEO
Divided into 53 test components

85% Accepted
15% Slow response

Functional Testing

Slow Response Factors:
- Uploading Action
- Authentication
- Google Map

07. Testing
Usability Testing

Collect feedback from user

100% 100% 85%

Effective in verifying content
Satisfied/ Neutral with reliability
Satisfied with security
The most important function

- Add reply: 24%
- Give rating: 28%
- Create post: 15%
- Interactive map: 33%
UI Testing

01. 720 x 1280 API 24
     Accepted

02. 1080 x 2220 API 28
     Accepted

03. 2560 x 1800 API 26
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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
courage user to participate actively

Public database

build an extensive database which allow instant query by collaborative effort

- forensic purpose
- CUHK Orientation day
Conclusion

Built by collaborative effort

Target CUHK users

As a fact-check supporting tool

Featuring Credibility System
Thank you