

Term Project Final Presentation

14/10/2025 | Group 3
261497-003 Full Stack Development 1/68

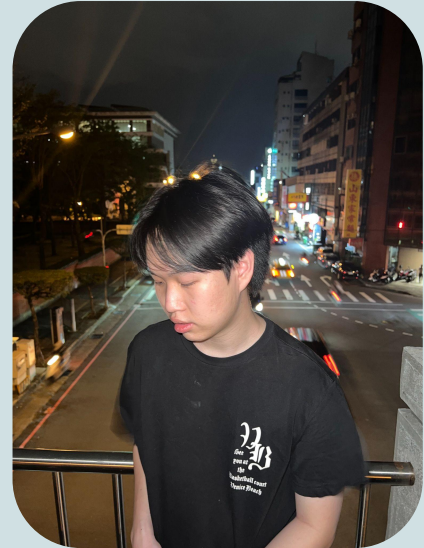
Project Members



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Inspiration?

- 90% of my friends use TikTok
 - For relax or wanna be a TikToker?
 - Even in the class???? It must have something.
 - Eat, Sleep, TikTok?
- What if we have Thai's TikTok?
 - More local (Thai) in your feed?
 - Share videos within your private group
 - Share videos with your colleagues at work
 - Share videos with specific group, so Cambodian people can't see 👍👍👍

What's our app?

- **ChillChill** — Thai TikTok-style social platform that primary focuses on vertical videos (9:16)



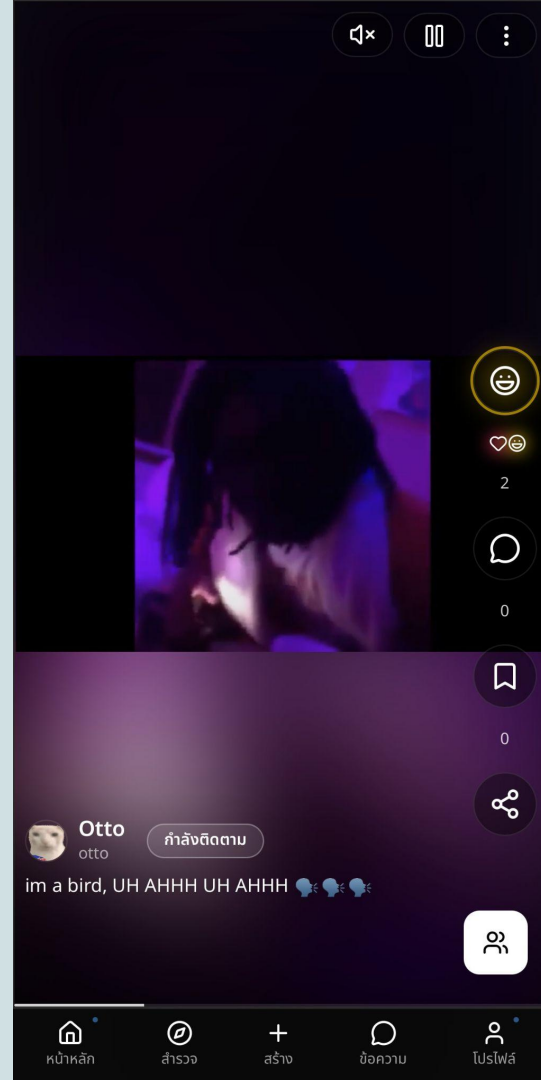
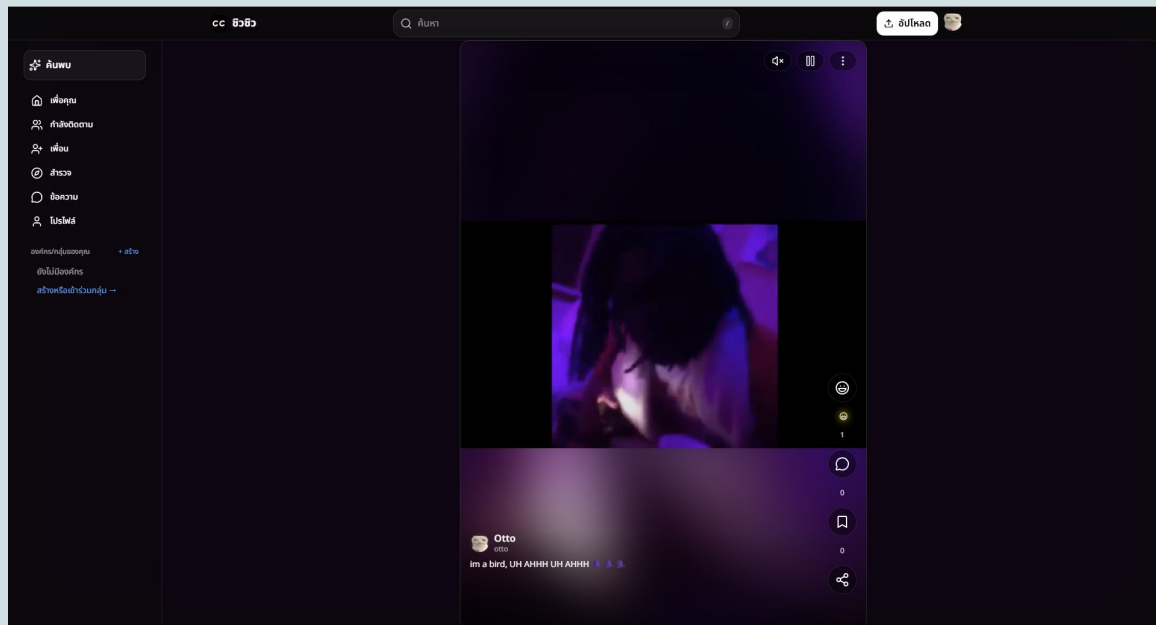
Main Feature

- Authentication and Authorization with LINE Login
- Profile
- Follow & Friend System
- Direct Message
- Feed
 - General
 - Following
 - My Friend (both follow each other)
 - Explore
 - Group / Organization
- Search
- Video Upload & Playback
 - Reaction (Like, Love, Laugh, Sad, Angry)
 - Comment
 - Reply
 - Visibility Control
- Hashtag (#)

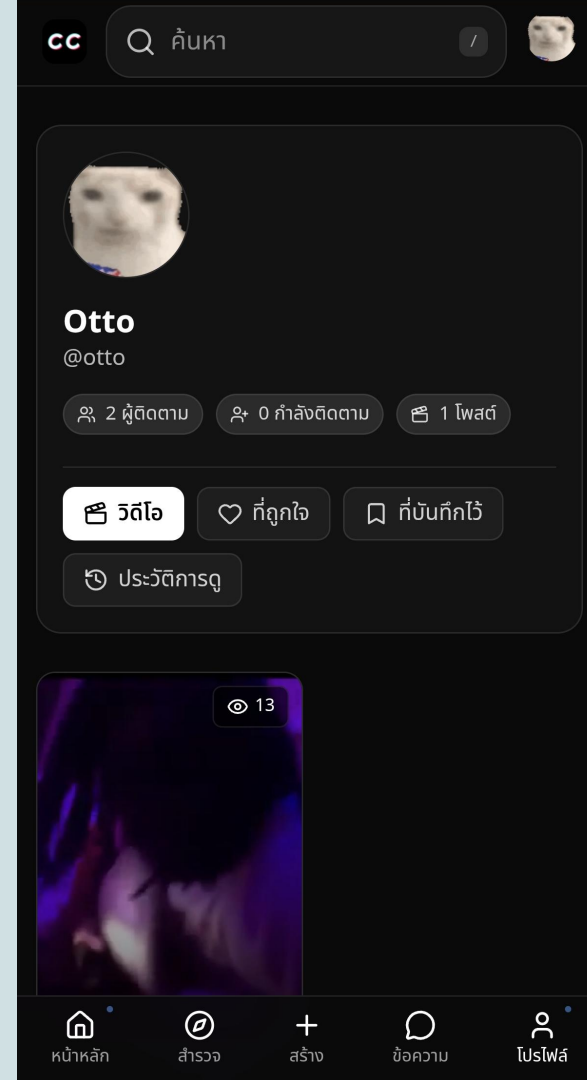
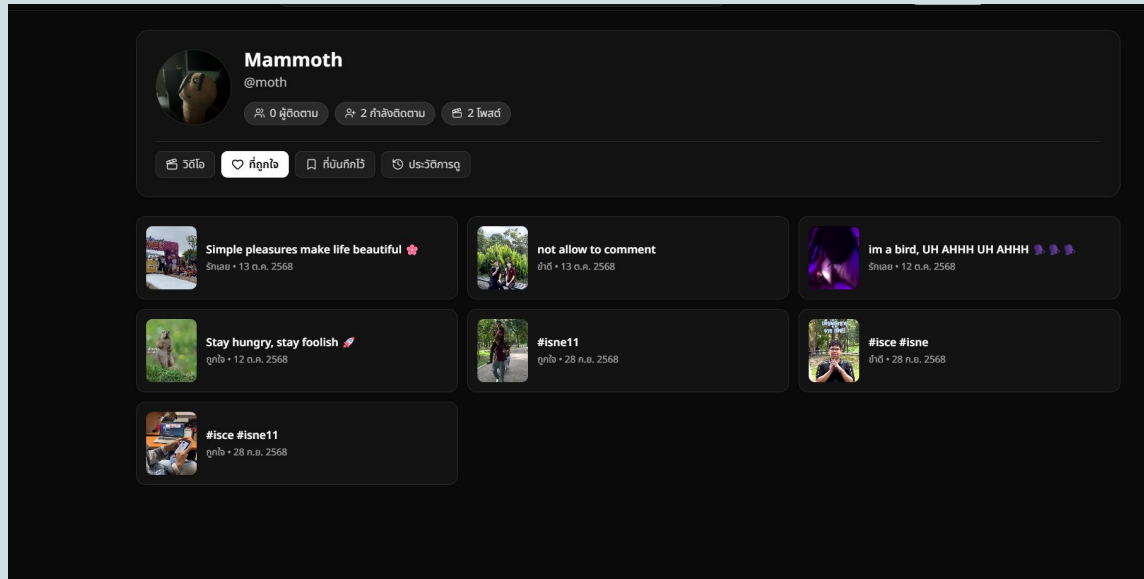
Technology Stack

- Design Tools
 - UX/UI: **Figma**
 - Database: **dbdiagram**
- Development Tools
 - Frontend: **Next.js**, **Swift**
 - Backend: **Express.js**
 - DBMS: **MongoDB**
 - ODM: **Mongoose**
 - Storage: **MinIO**
 - Caching: **Redis**
 - Testing: **Cypress**
 - Deployment: **Docker**, **Kubernetes**

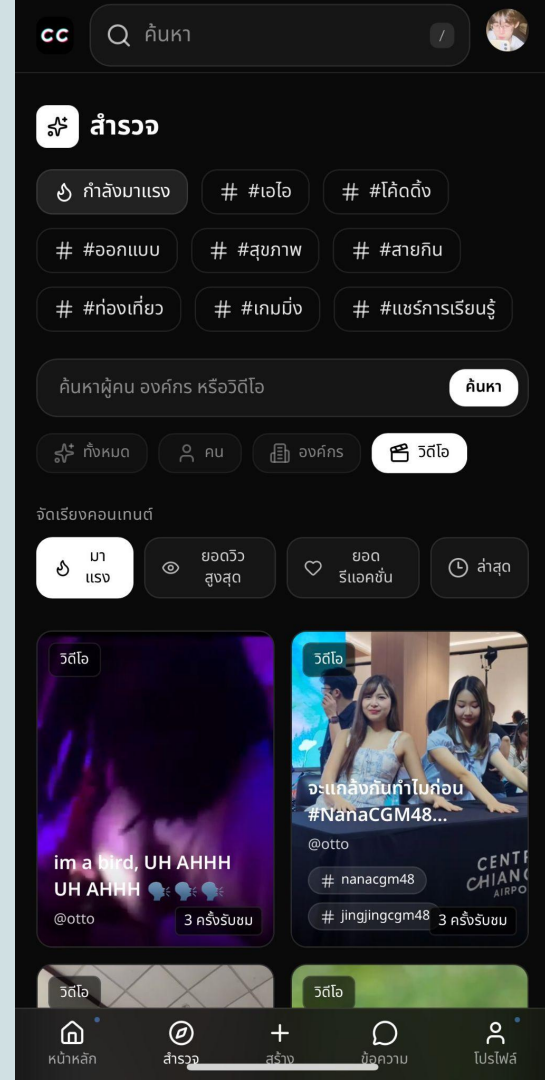
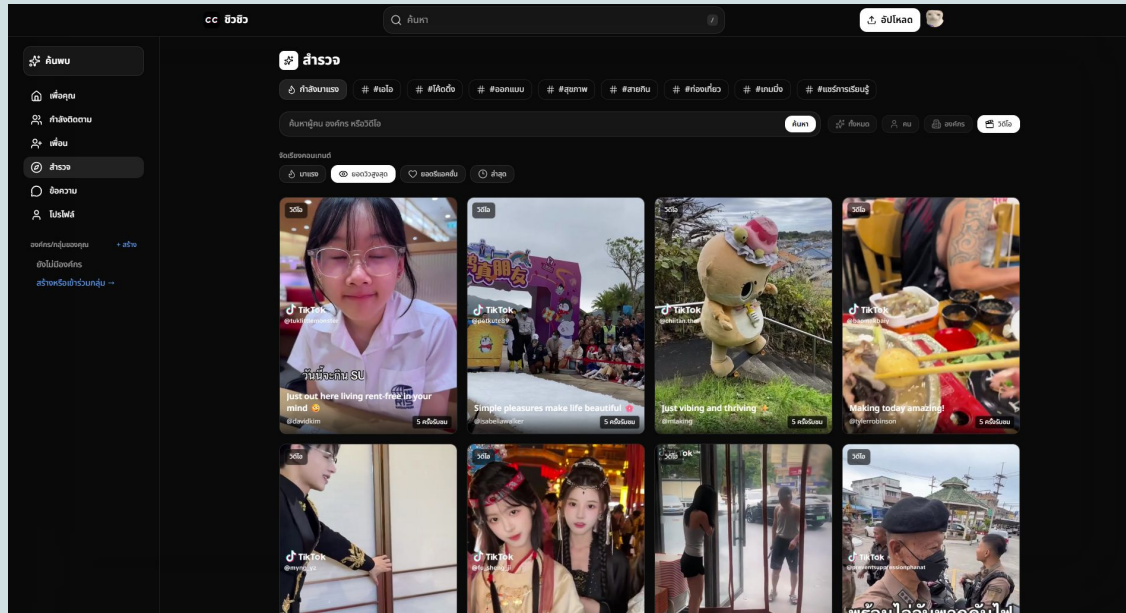
UX/UI Design (Feed)



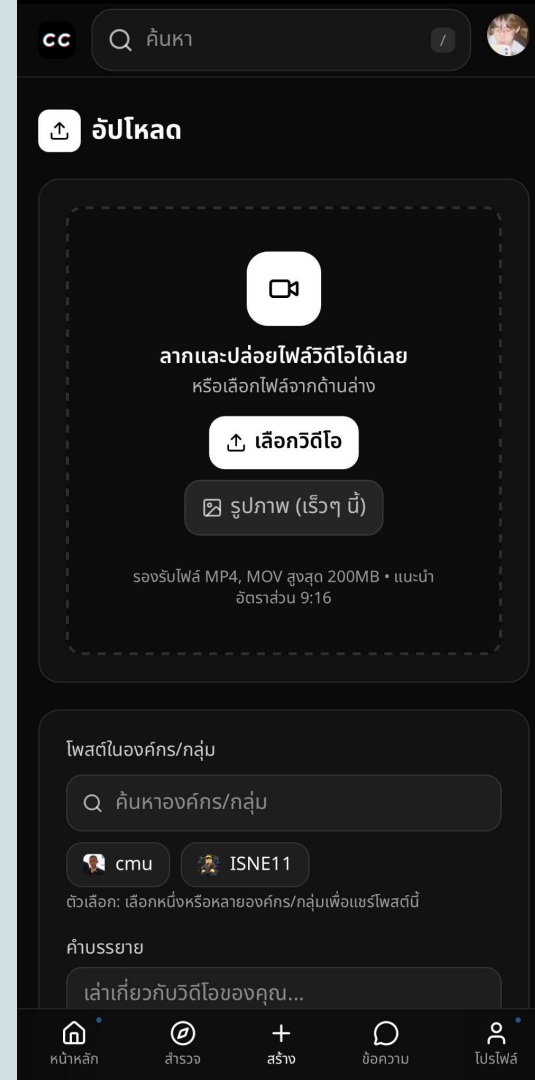
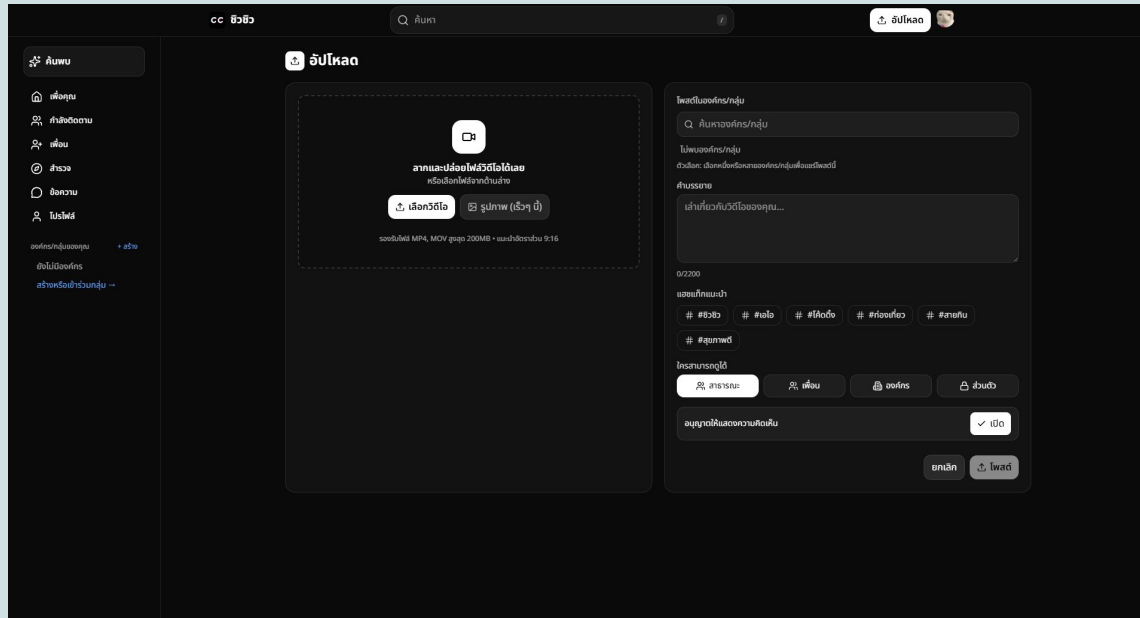
UX/UI Design (Profile)



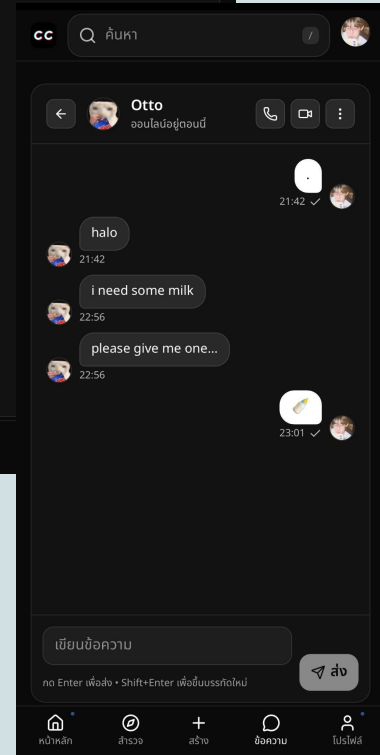
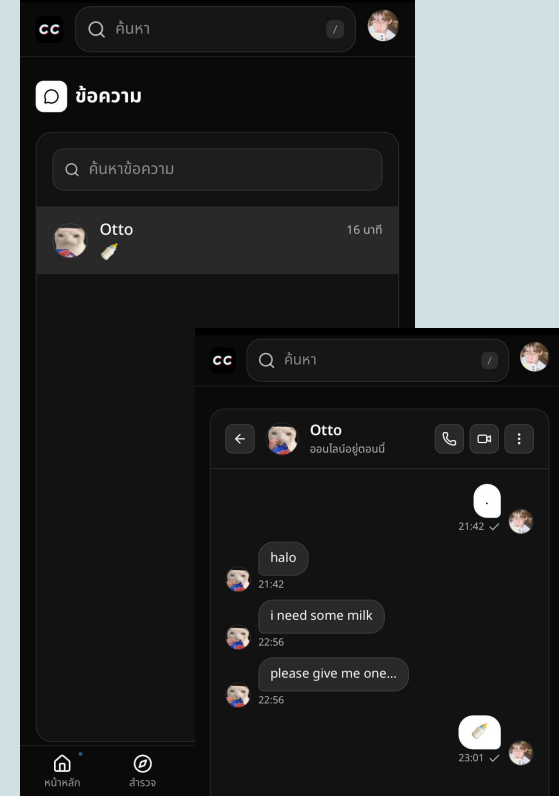
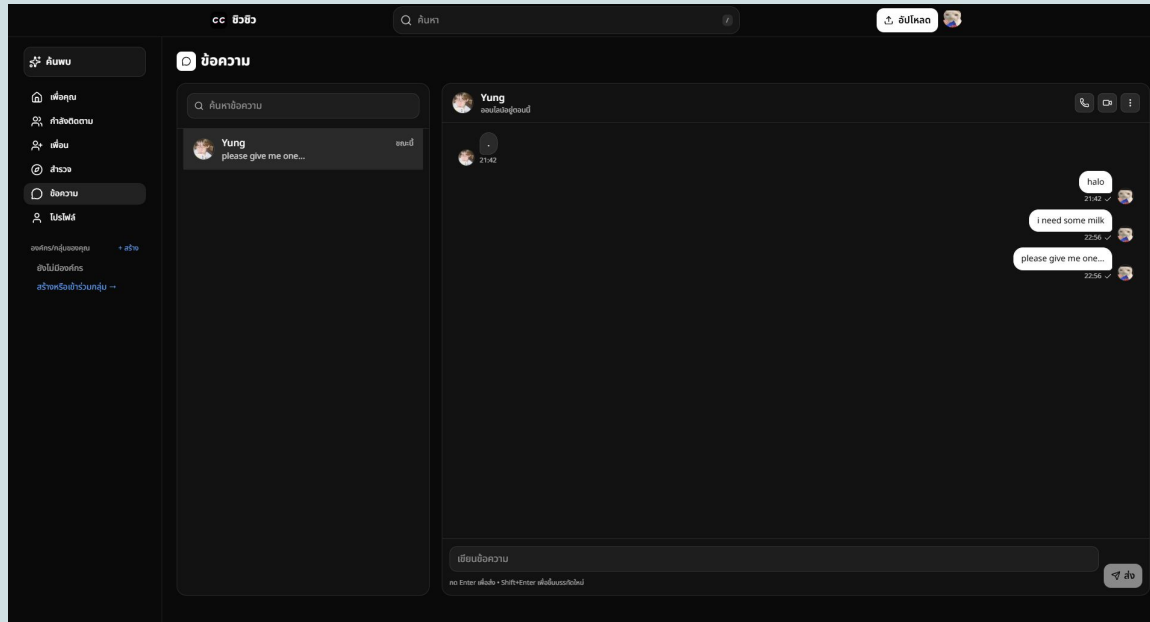
UX/UI Design (Explore)



UX/UI Design (Upload)



UX/UI Design (Direct Message)



cc

ค้นหา

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การตั้งค่า

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เราใช้อีเมลโดเมนของคุณเพื่อระบุงค์กรที่เกี่ยวข้อง

× รีเซ็ต

บันทึก

หน้าหลัก

สำรวจ

สร้าง

ข้อความ

โปรไฟล์

Database Schema

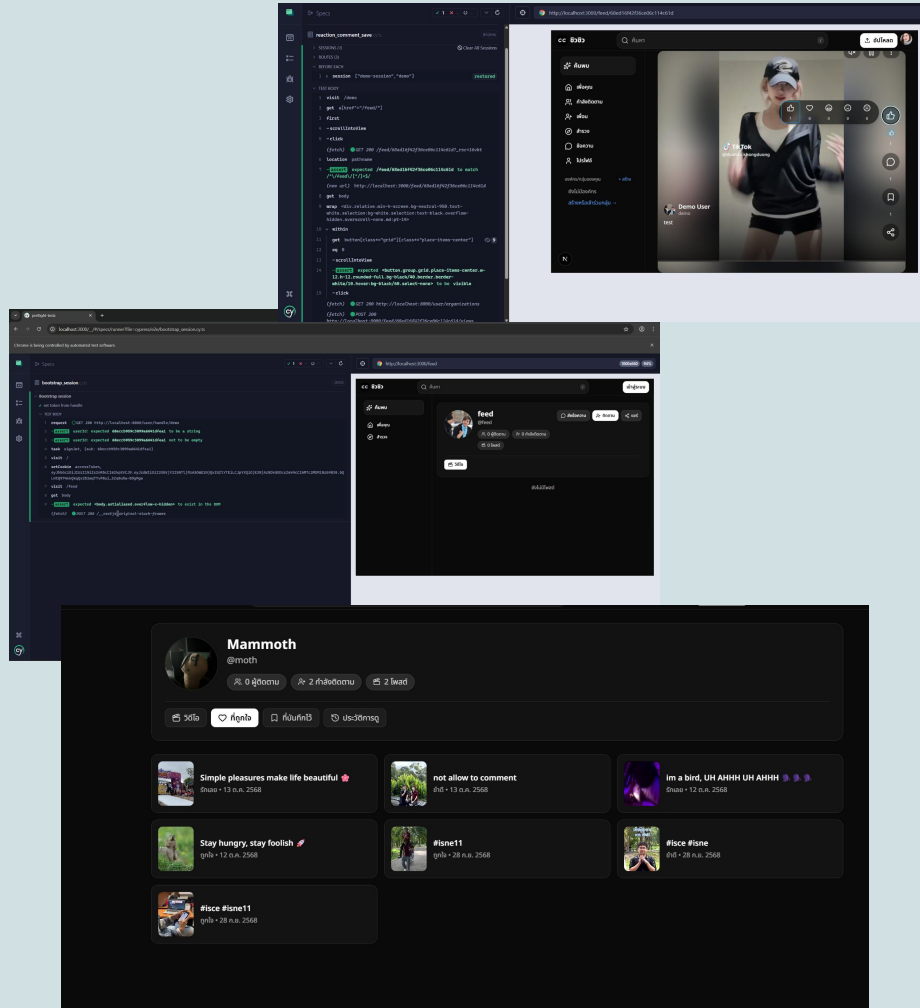


Source: <https://cmu.to/261497-1-68-G03-TermProjectDBProgress1>

Testing



- Feed
 - Reaction
 - Comment
 - Save
- Settings
 - Change DisplayName
 - Change Handle
 - Change Profile
- Profile
 - Able to see list of upload videos
 - Able to see list of reactions
 - Able to see list of saves
 - Able to see watch history



CI/CD

- Self-hosted runner

Step

1. Build Image
2. Push Image
3. Restart kubernetes deployment

Let's demo!

<https://chillchill.yungying.com>