Be Safe & Play Fair

INSPECT

SUPERCELL

Let’s see what El Primo is doing..

SUP
ERC
ELL

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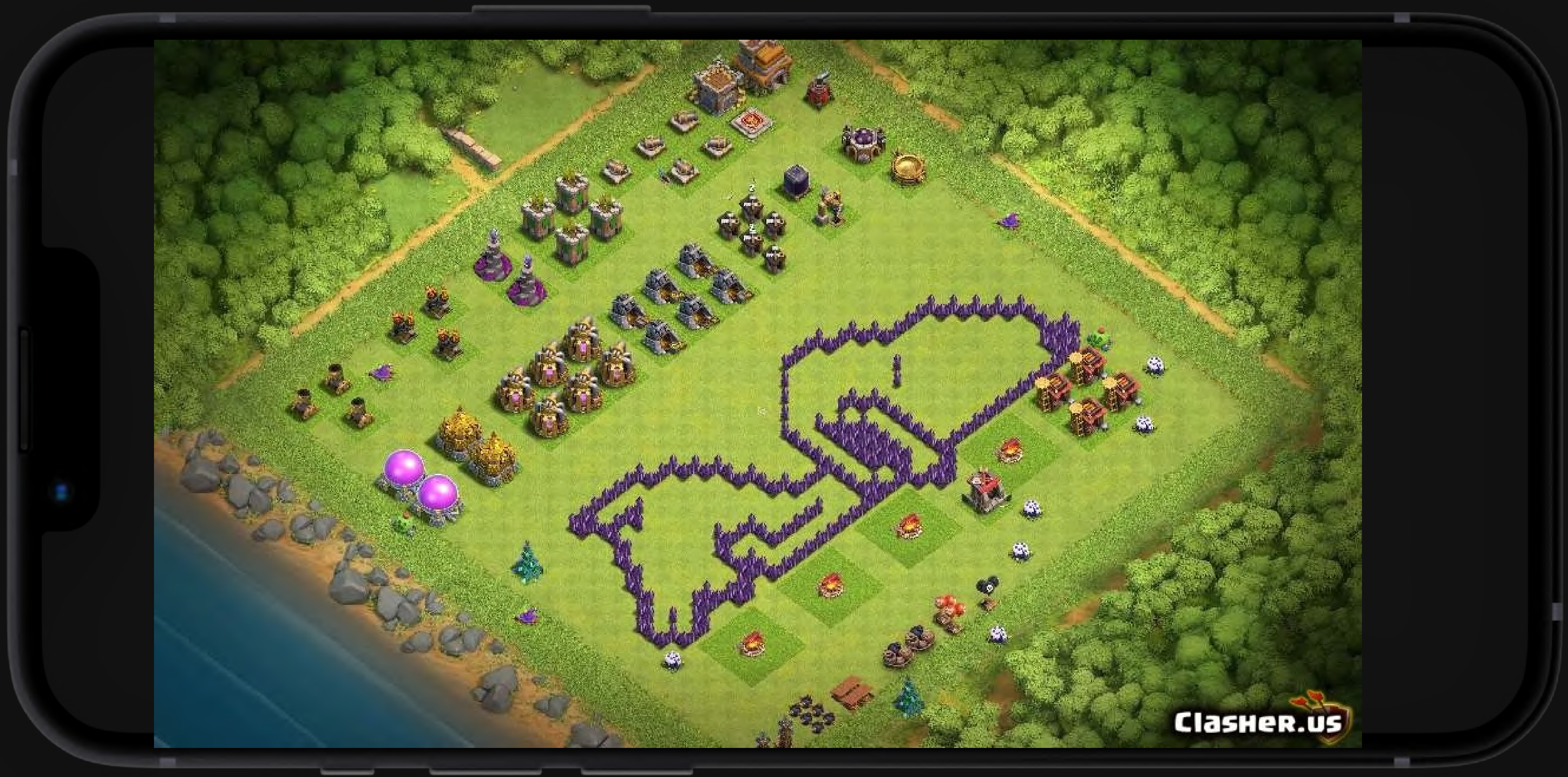
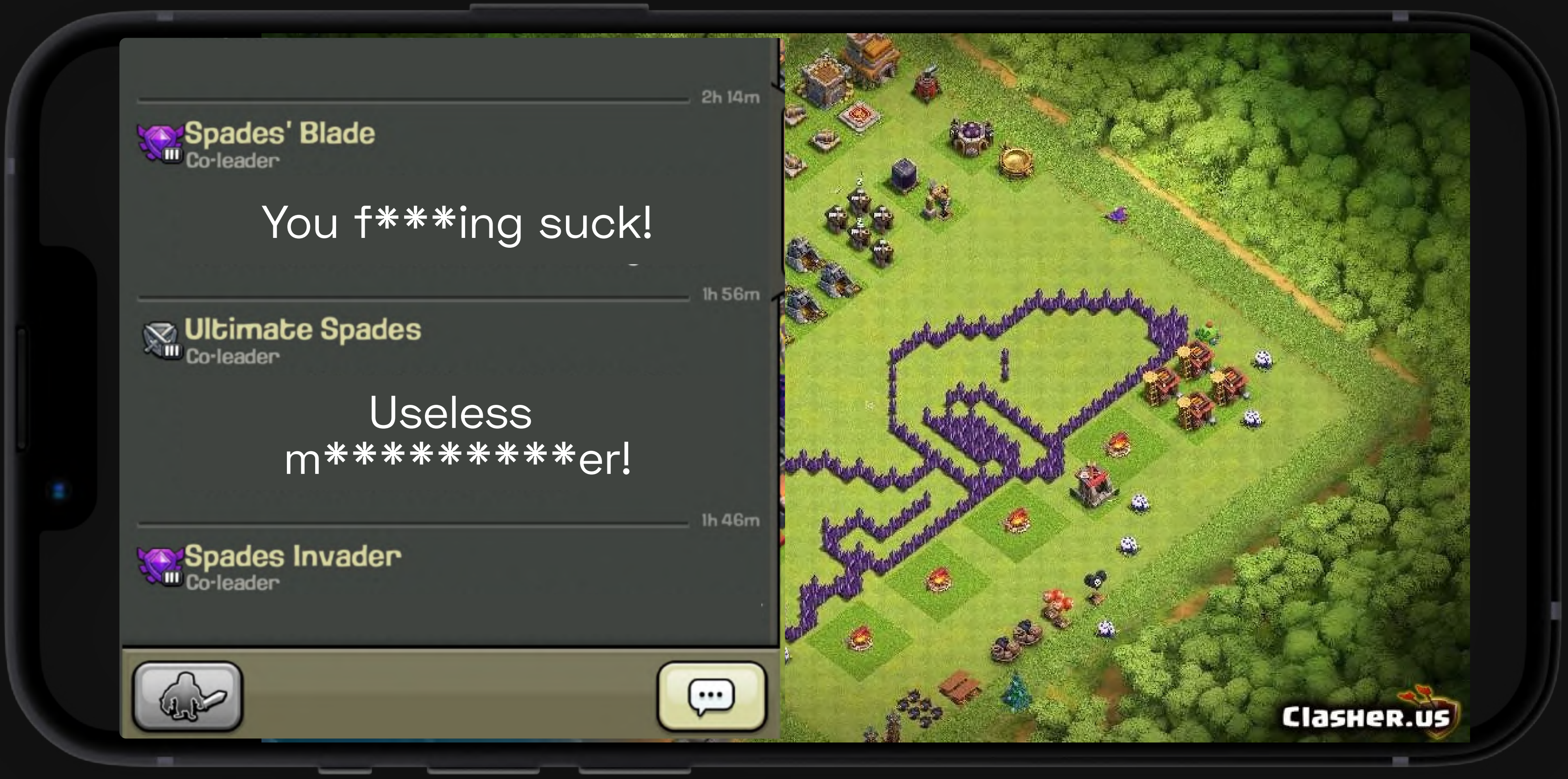


INSPECT

Try Pitch

Let’s see what El Primo is doing..



2h 14m

Spades' Blade
Co-leader

You f***ing suck!

1h 56m

Ultimate Spades
Co-leader

Useless m*********er!

1h 46m

Spades Invader
Co-leader

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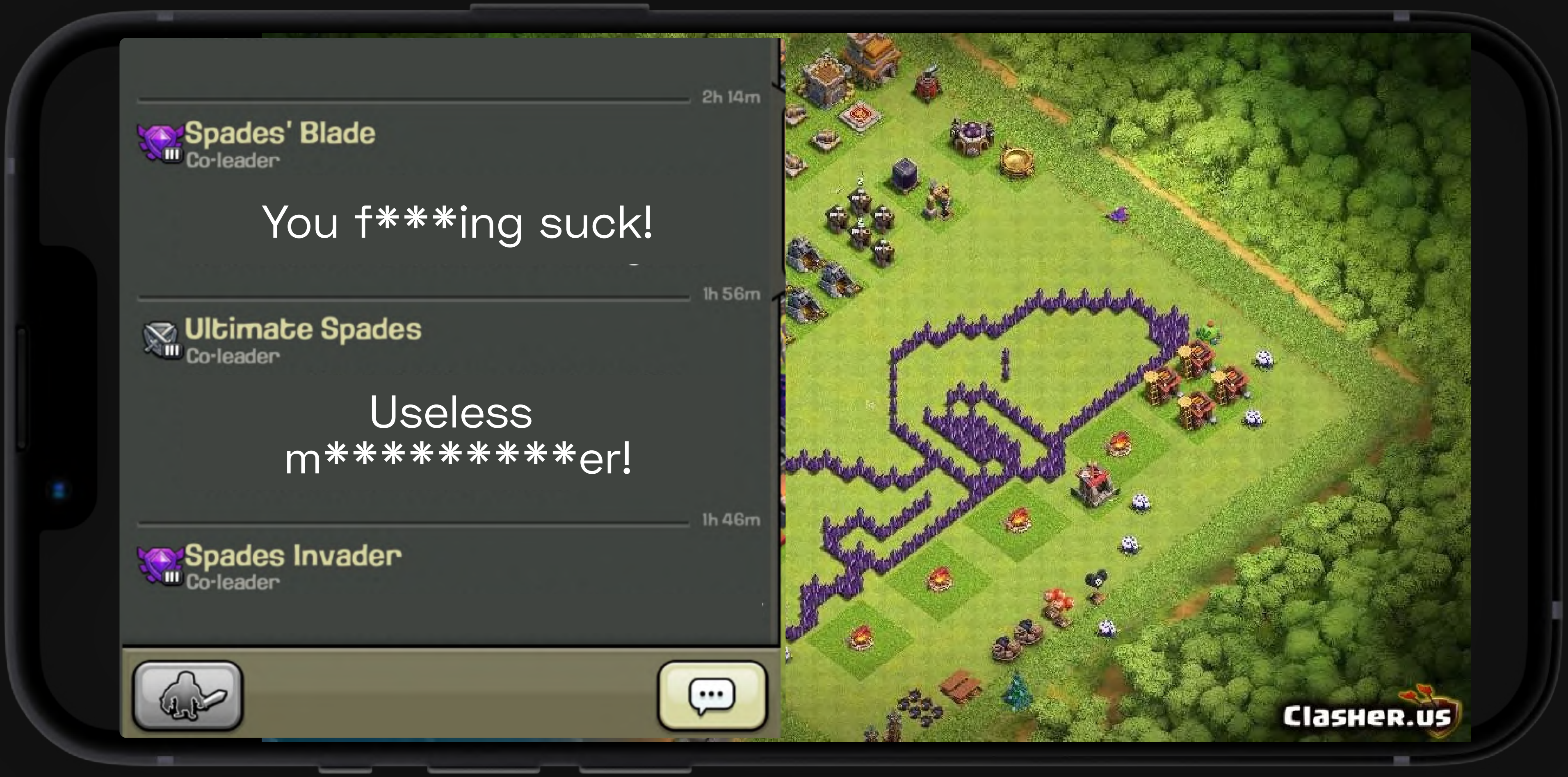
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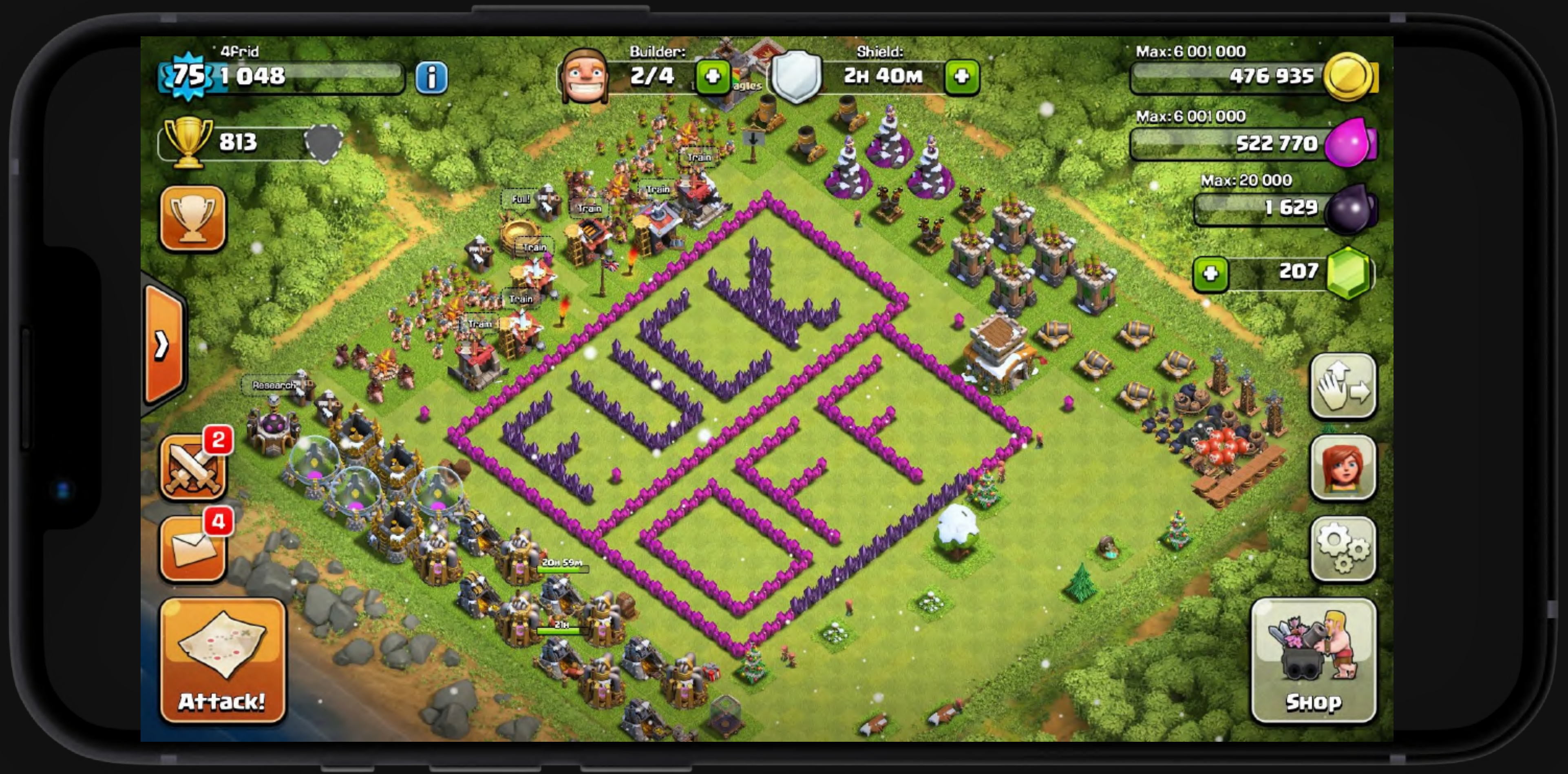

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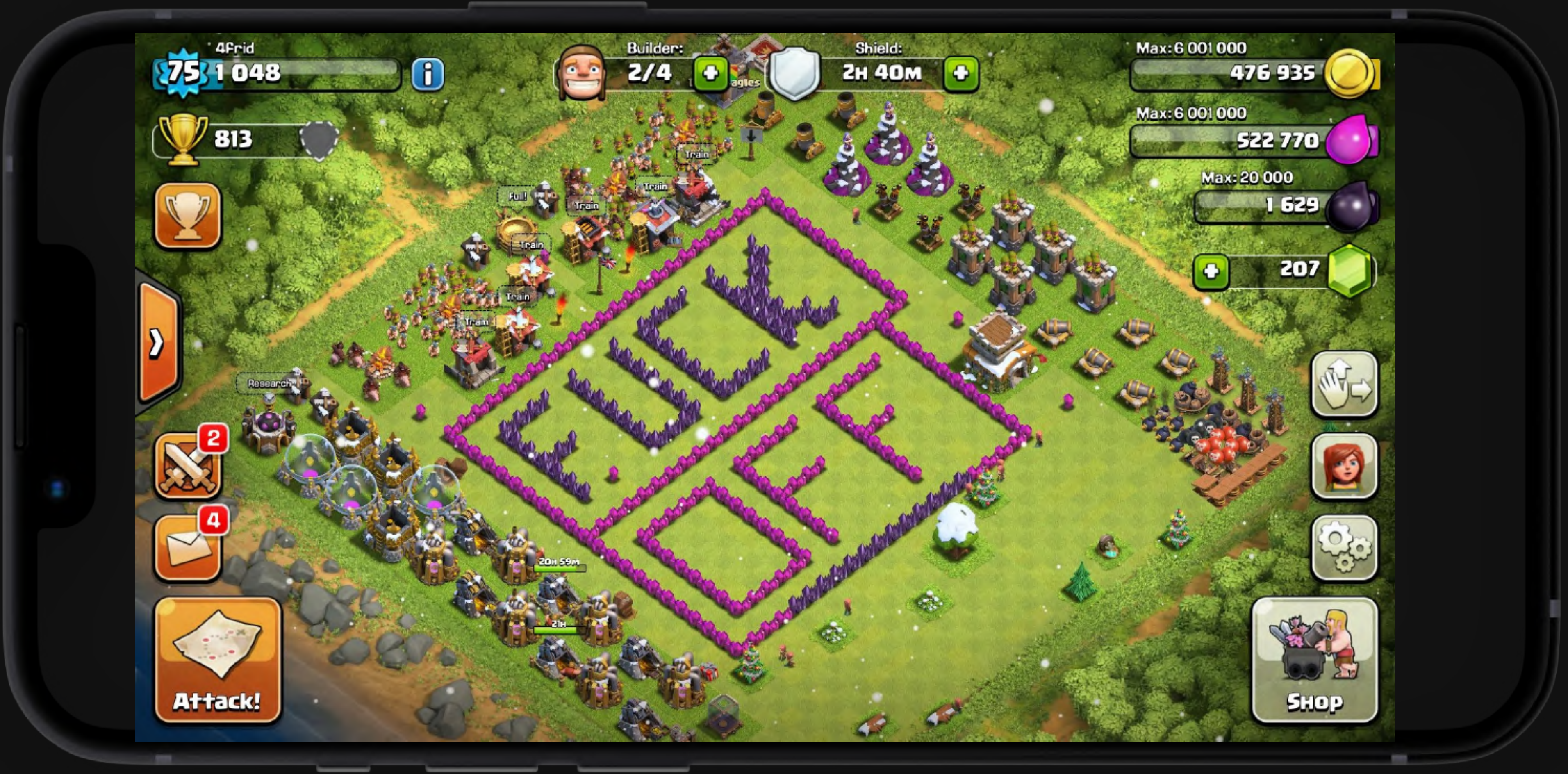
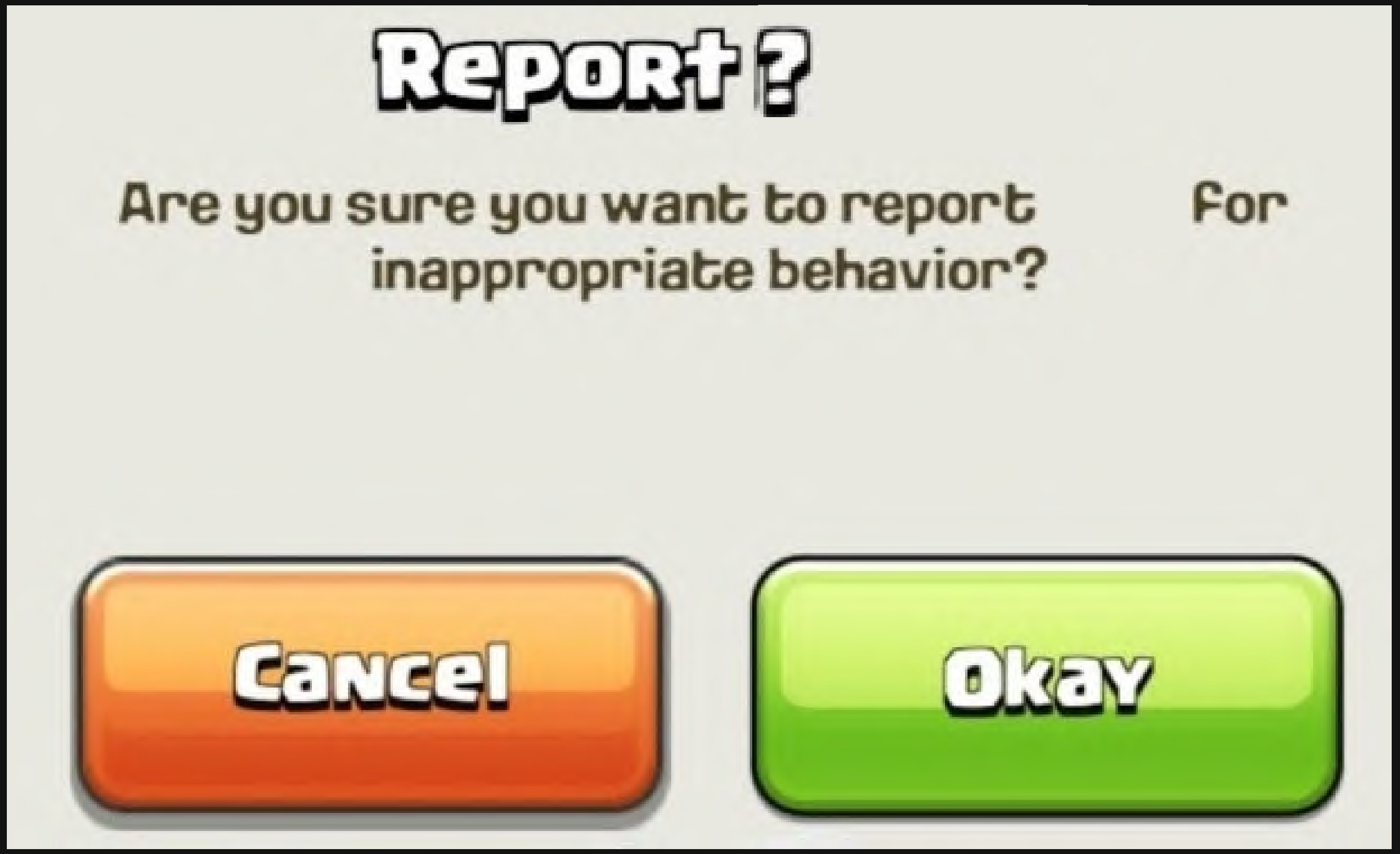


Should el Primo report or not?



Report ?

Are you sure you want to report for inappropriate behavior?

Current problems

1. AI cannot solve the problem yet, chat in groups
2. Users not reporting ➤ **Increase reporting fluidity**
3. Abusers ➤ **Reduce propensity to abuse**
4. Moderators cost ➤ **Increase efficiency & accuracy**

INSPECT

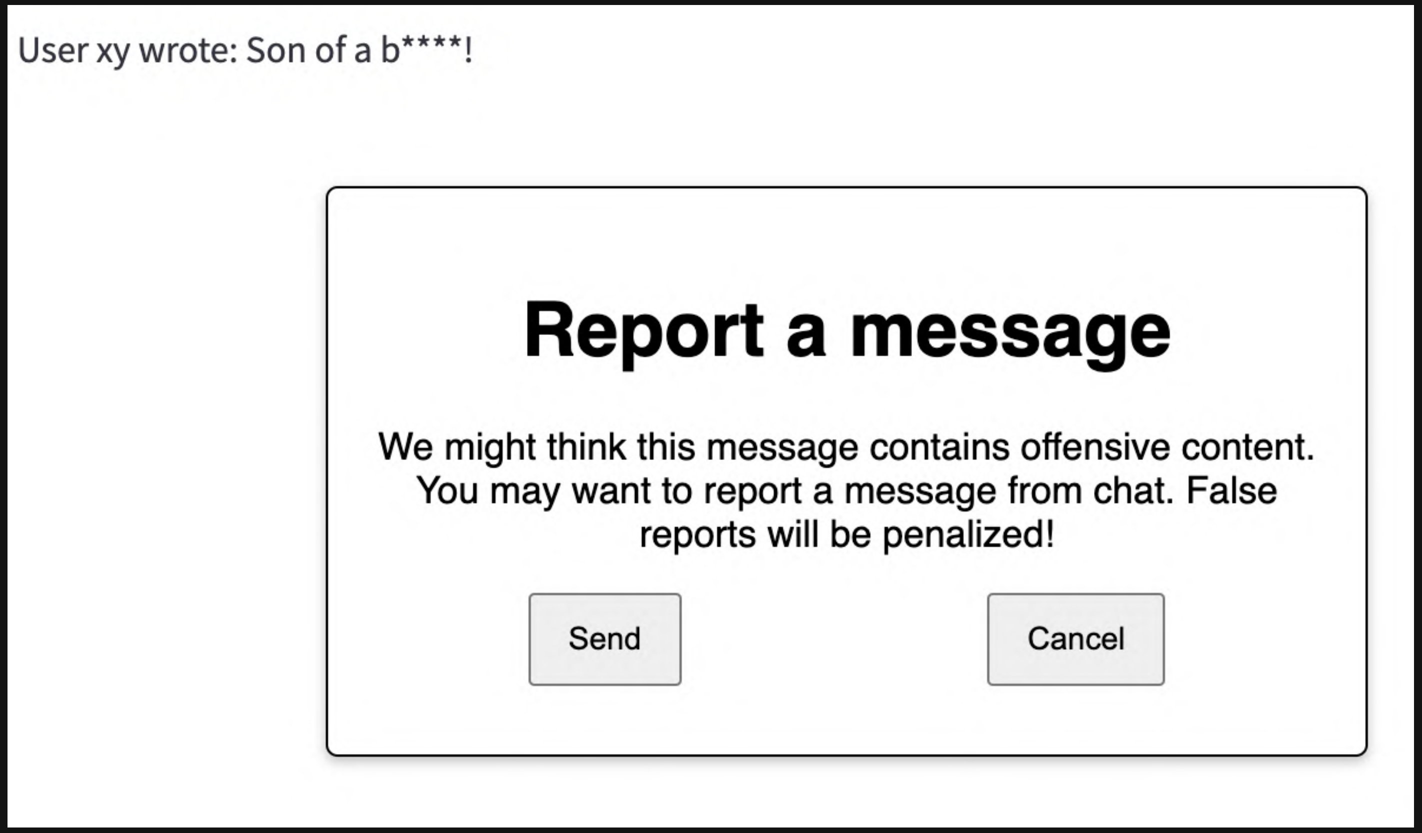
The three-pillars strategy

1. Prompt chat reporting
2. Base-layout filtering
3. Rewarding system

Two-sided Prompted chat reporting

- Offensive Speech Detection with RoBERTa (pretrained)
- Accuracy of 81% across 70k messages from chats

Victim view

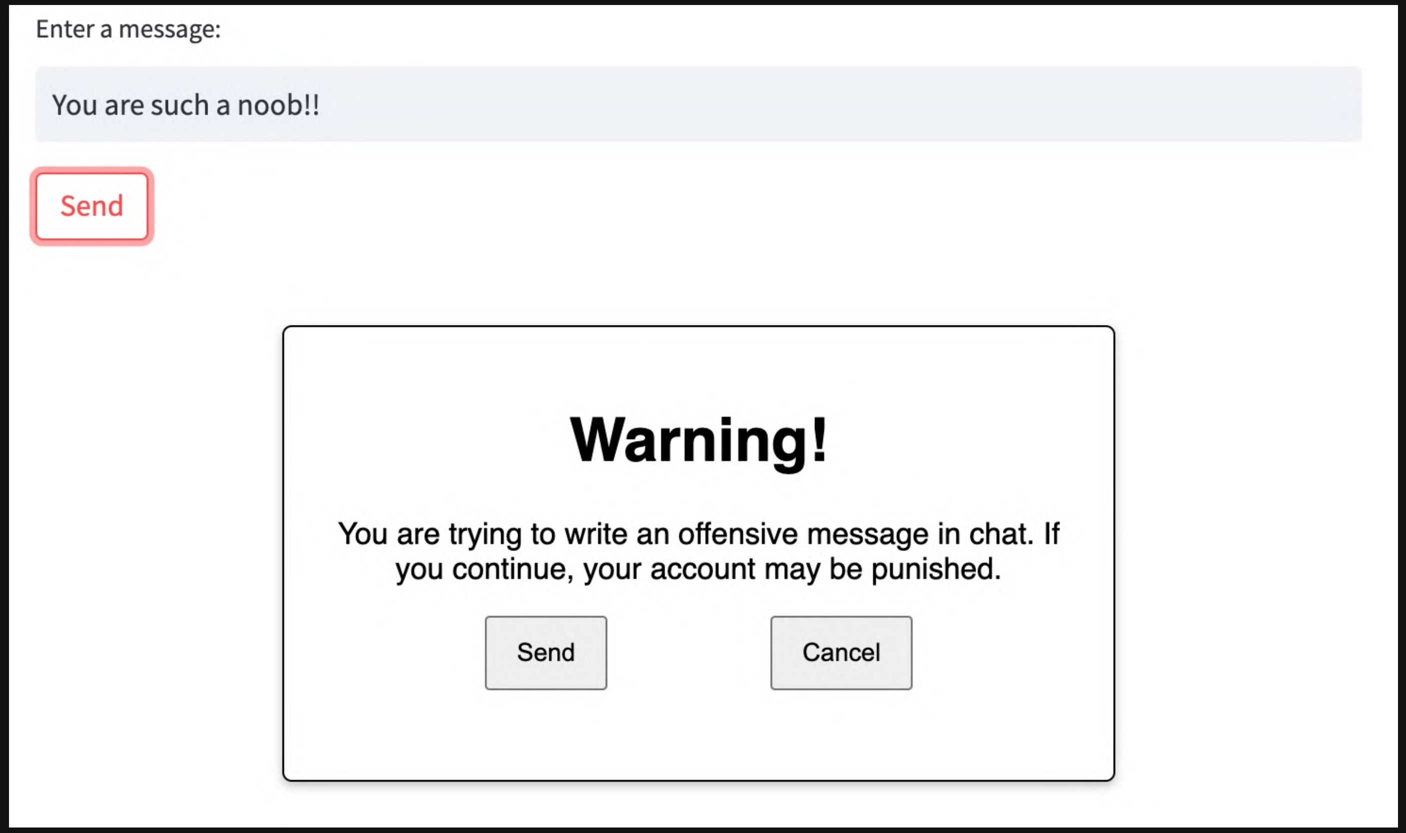


User xy wrote: Son of a b****!

Report a message

We might think this message contains offensive content. You may want to report a message from chat. False reports will be penalized!

Bullies view



Enter a message:

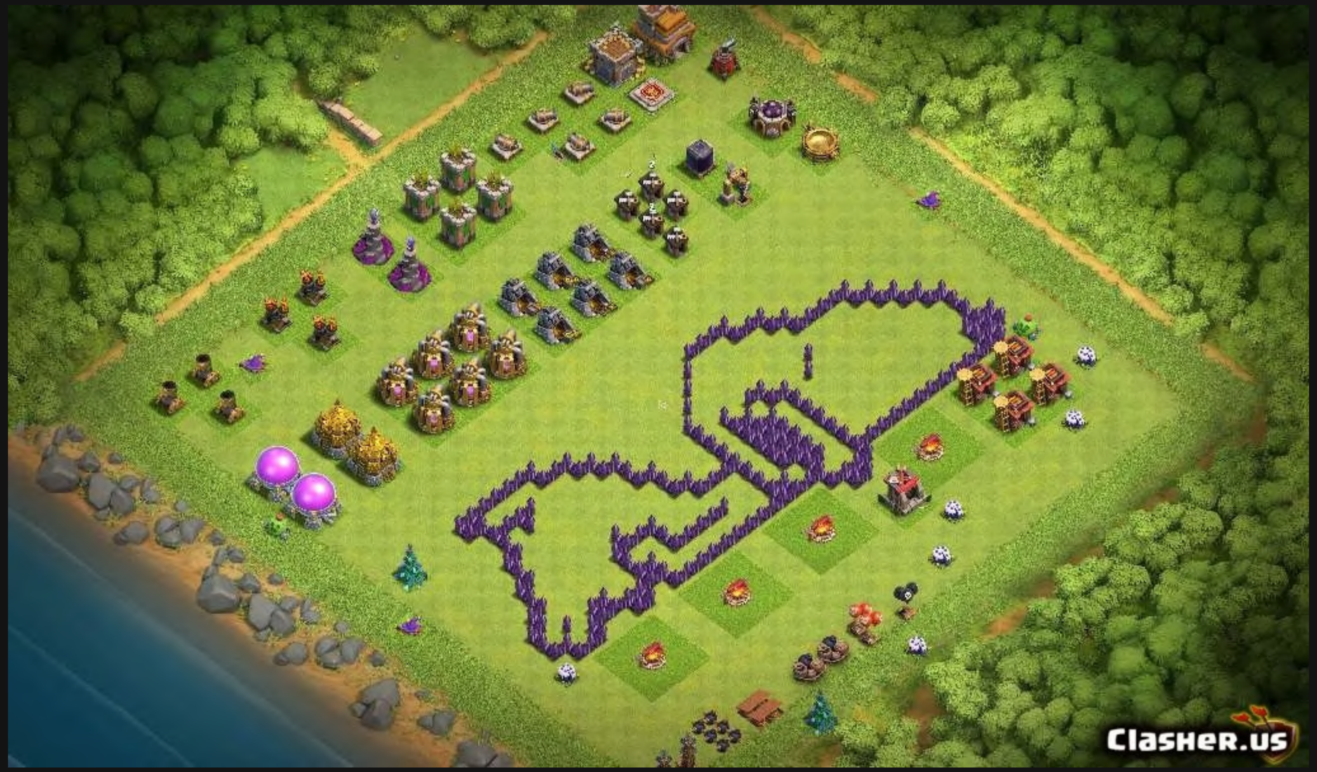
You are such a noob!!

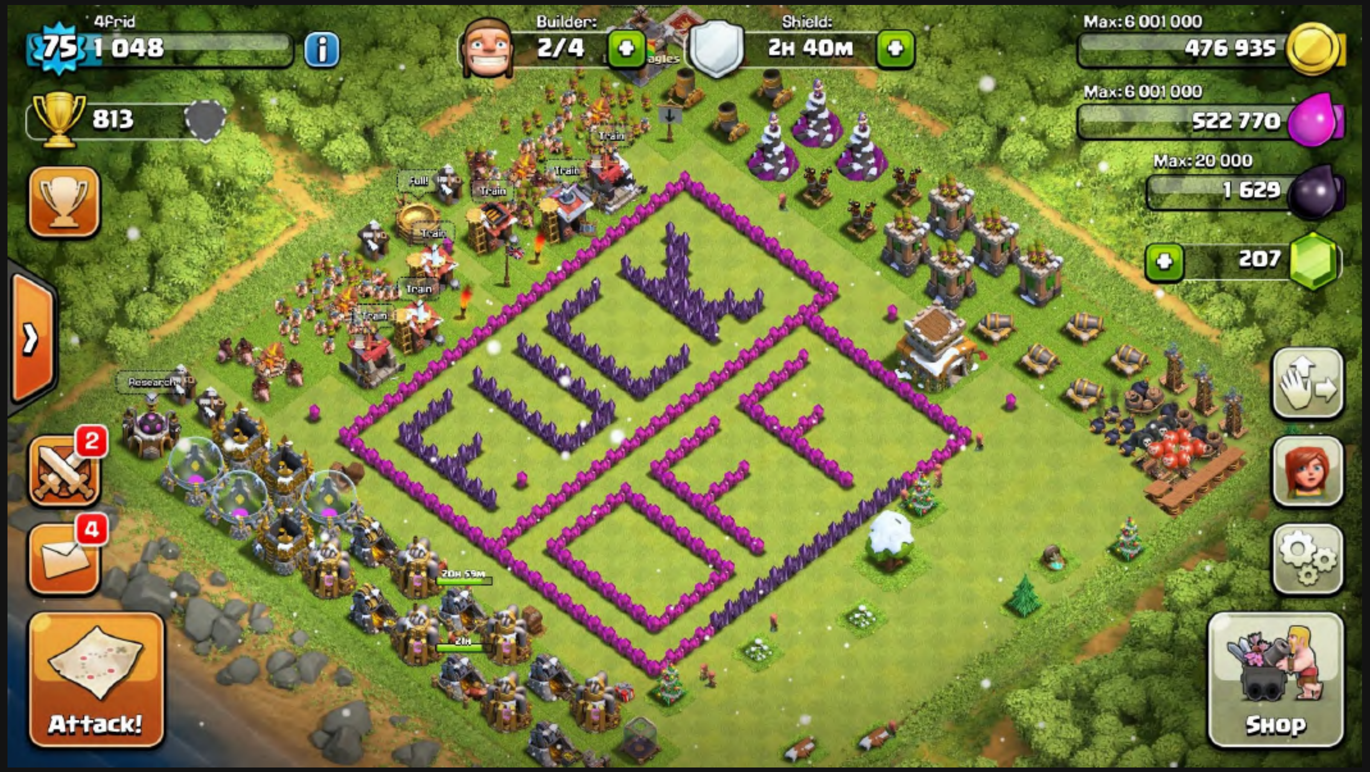
Warning!

You are trying to write an offensive message in chat. If you continue, your account may be punished.

INSPECT

Vision Transformer for offensive bases detection





- Self-collected dataset (approx. 250 images)
- Vision Transformer pretrained on ImageNet
- Fine-tuning of 2 epochs and freezing last layers

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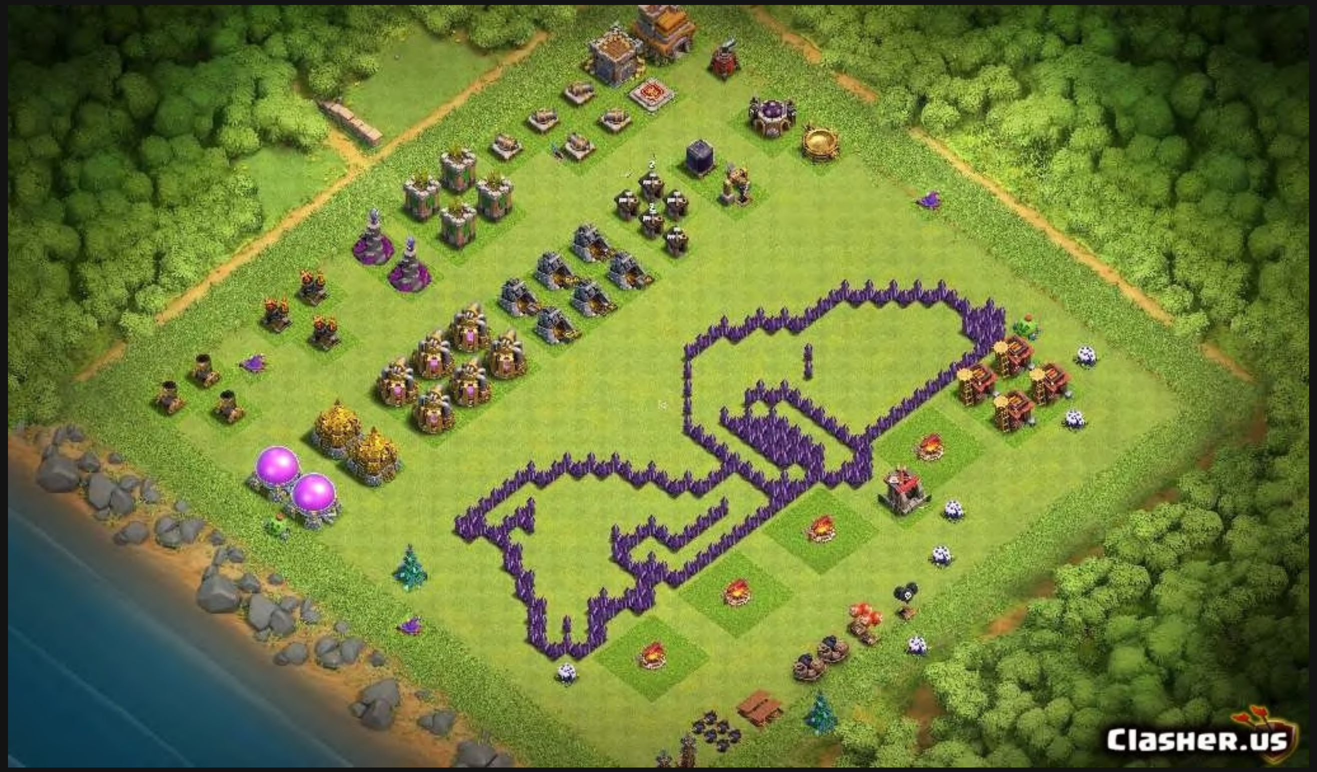
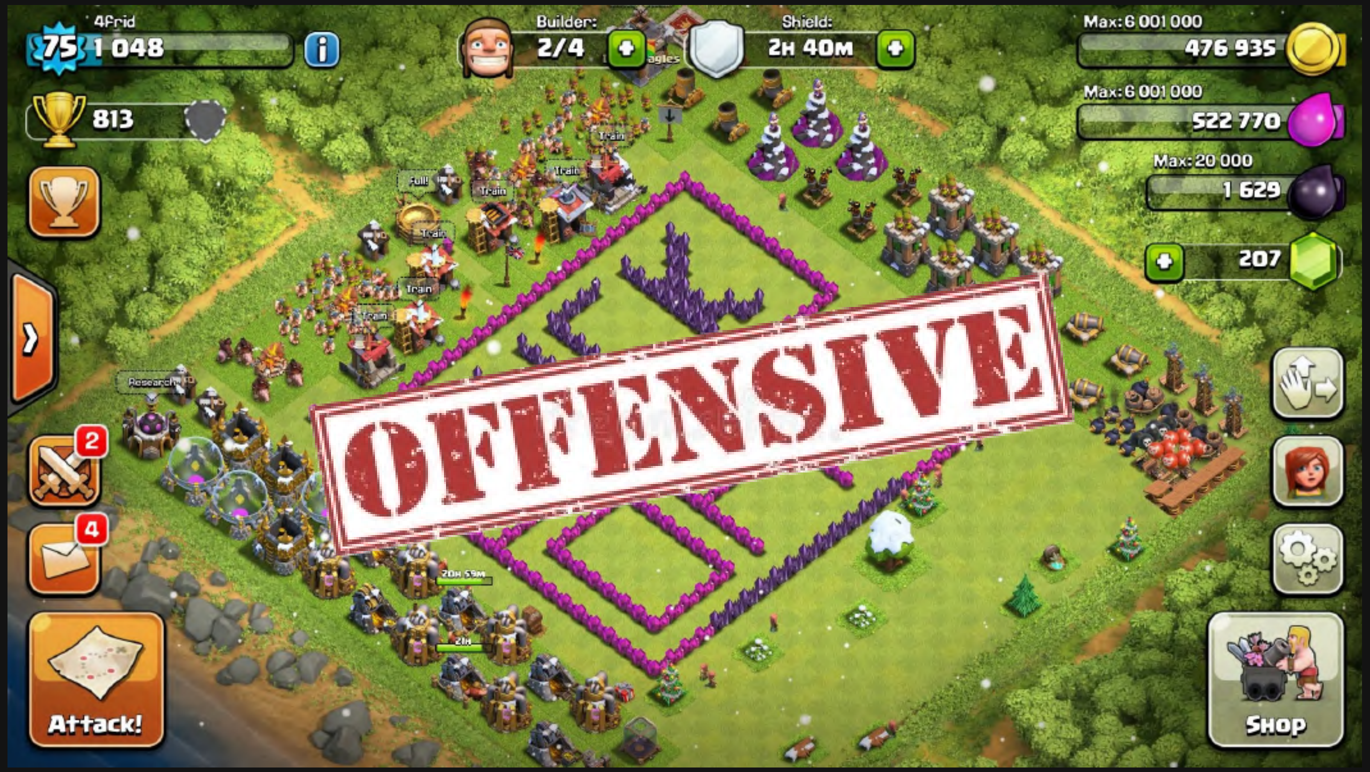
Vision Transformer for offensive bases detection





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INSPECT

Reputation system - key points

1. Play longer and play fair - linear improvement of reputation
2. Offensive behaviours decrease the score
3. Successful reporting - increases score, false reporting - decreases the score
4. Most reputable players help with community interaction and gain rewards, helps moderators.

Refer to our documentation for a complete overview of the reward system we envision

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Try Pitch

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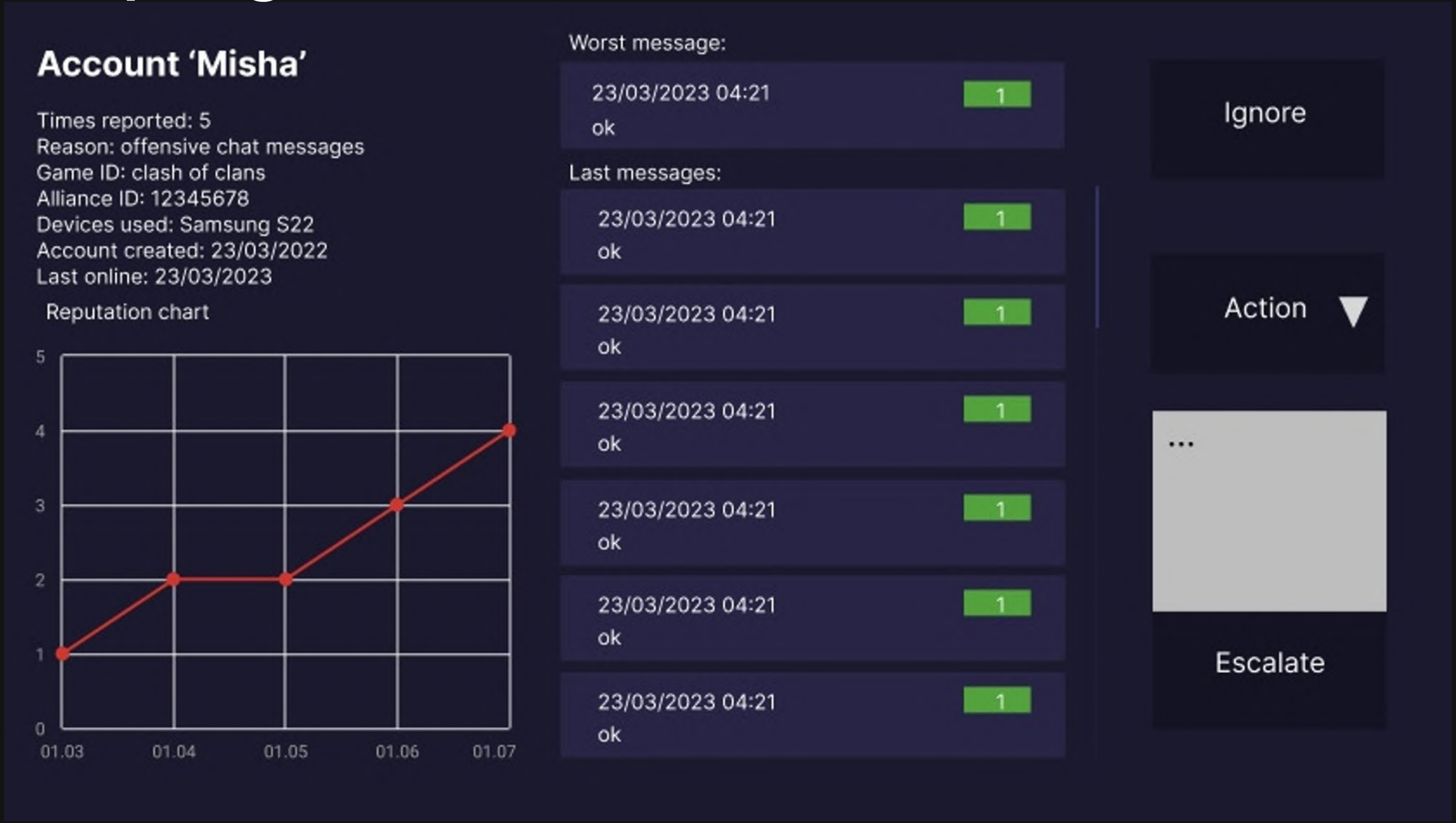
Helping Moderators



Account 'Misha'

Times reported: 5
Reason: offensive chat messages
Game ID: clash of clans
Alliance ID: 12345678
Devices used: Samsung S22
Account created: 23/03/2022
Last online: 23/03/2023

Reputation chart

Worst message:

23/03/2023 04:21 1
ok

Last messages:

23/03/2023 04:21 1
ok

23/03/2023 04:21 1
ok

23/03/2023 04:21 1
ok

23/03/2023 04:21 1
ok

23/03/2023 04:21 1
ok

23/03/2023 04:21 1
ok

INSPECT

SUPERCELL

Let’s fight offensive cyber behaviour together!

Extend the current offensive-cyber-behaviour detection system to the base-layout and integrate a reward system to nudge good behaviour instead of banning bad actions

INSPECT