

Image Stacker

For Nintendo's Fire Emblem Heroes

Scott Ginoza

Senior Project

June 5, 2018

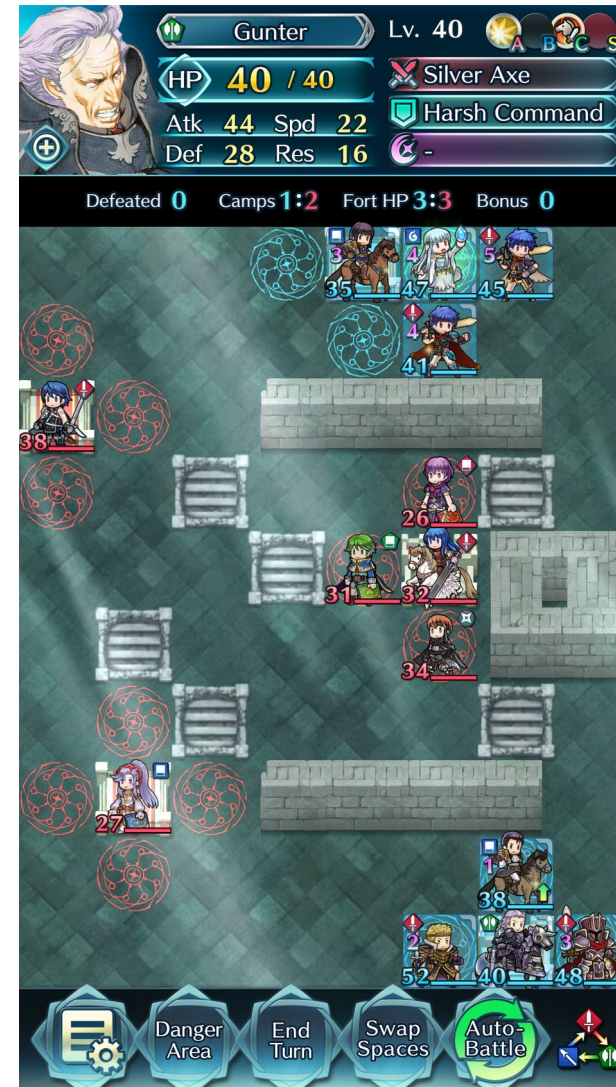
The App

The screenshot shows the Google Play Store interface for the app 'FEH Team Collage'. The browser address bar shows the URL: <https://play.google.com/store/apps/details?id=com.chkansaku.fehteamcollagegen>. The app is listed by 'Charon Kansaku' under the 'Tools' category, with a rating of 5 stars from 15 users. The app is marked as 'Installed'. The app icon features an owl on a camera lens. Below the app information, there are three screenshots: the first shows a collage of unit status banners with the text 'Create collages of your team!'; the second shows the app's interface with the title 'FE Heroes Team Collage' and a section for 'Add Your Unit Images' with four plus icons; the third shows the same interface with four unit images selected. At the bottom, a description reads: 'Select screenshots of your team units from the FEH game, and this app will crop the images to the top unit status banner then stack and merge them into one single image. Perfect for sharing your'.

Introduction to Fire Emblem Heroes



Introduction to Fire Emblem Heroes



Introduction to Fire Emblem Heroes

Tap!

Inveterate Soldier
Gunter

LV. 40 EXP MAX

| | | |
|-----|-----|----------------|
| HP | 40 | Silver Axe |
| Atk | 44 | Harsh Command |
| Spd | 22 | - |
| Def | 28 | Armored Blow 2 |
| Res | 16 | B- |
| SP | 358 | Hone Cavalry |
| HM | 34 | S- |

Skill List

DC Douglas
Yamada Akihiro (山田章博)

Tap!

Sinister General
Black Knight

LV. 40 EXP MAX

| | | |
|-----|-----|---------------------|
| HP | 48 | Alondite |
| Atk | 50 | Draw Back |
| Spd | 35 | Black Luna |
| Def | 35 | Steady Stance 3 |
| Res | 18 | Wings of Mercy 3 |
| SP | 750 | Ward Armor |
| HM | 311 | Initiate Seal Spd 1 |

Skill List

Robert Clotworthy
Daisuke Izuka

Tap!

The Liberator
Zephiel

LV. 40 EXP MAX

| | | |
|-----|-----|------------------|
| HP | 52 | Silver Sword |
| Atk | 48 | Swap |
| Spd | 18 | Reprisal |
| Def | 32 | Life and Death 2 |
| Res | 18 | Wary Fighter 3 |
| SP | 40 | C- |
| HM | 208 | S- |

Skill List

Taylor Henry
Yamada Akihiro (山田章博)

Tap!

Thunder's Fist
Reinhardt

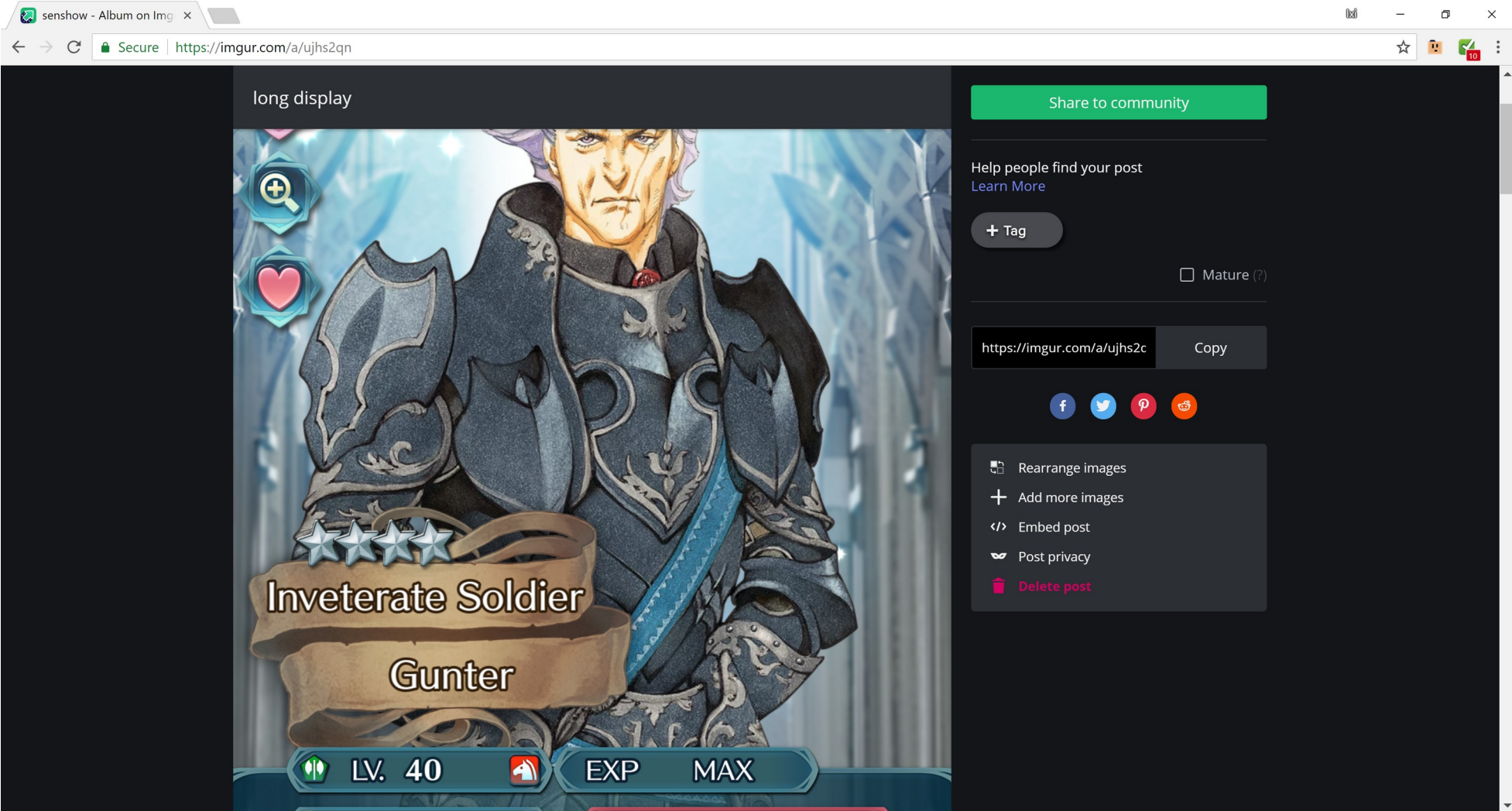
LV. 40 EXP MAX

| | | |
|-----|-----|-----------------|
| HP | 38 | Dire Thunder |
| Atk | 41 | Reposition |
| Spd | 18 | Moonbow |
| Def | 27 | Death Blow 3 |
| Res | 25 | Lancebreaker 2 |
| SP | 187 | Goat Cavalry |
| HM | 80 | Quickened Pulse |

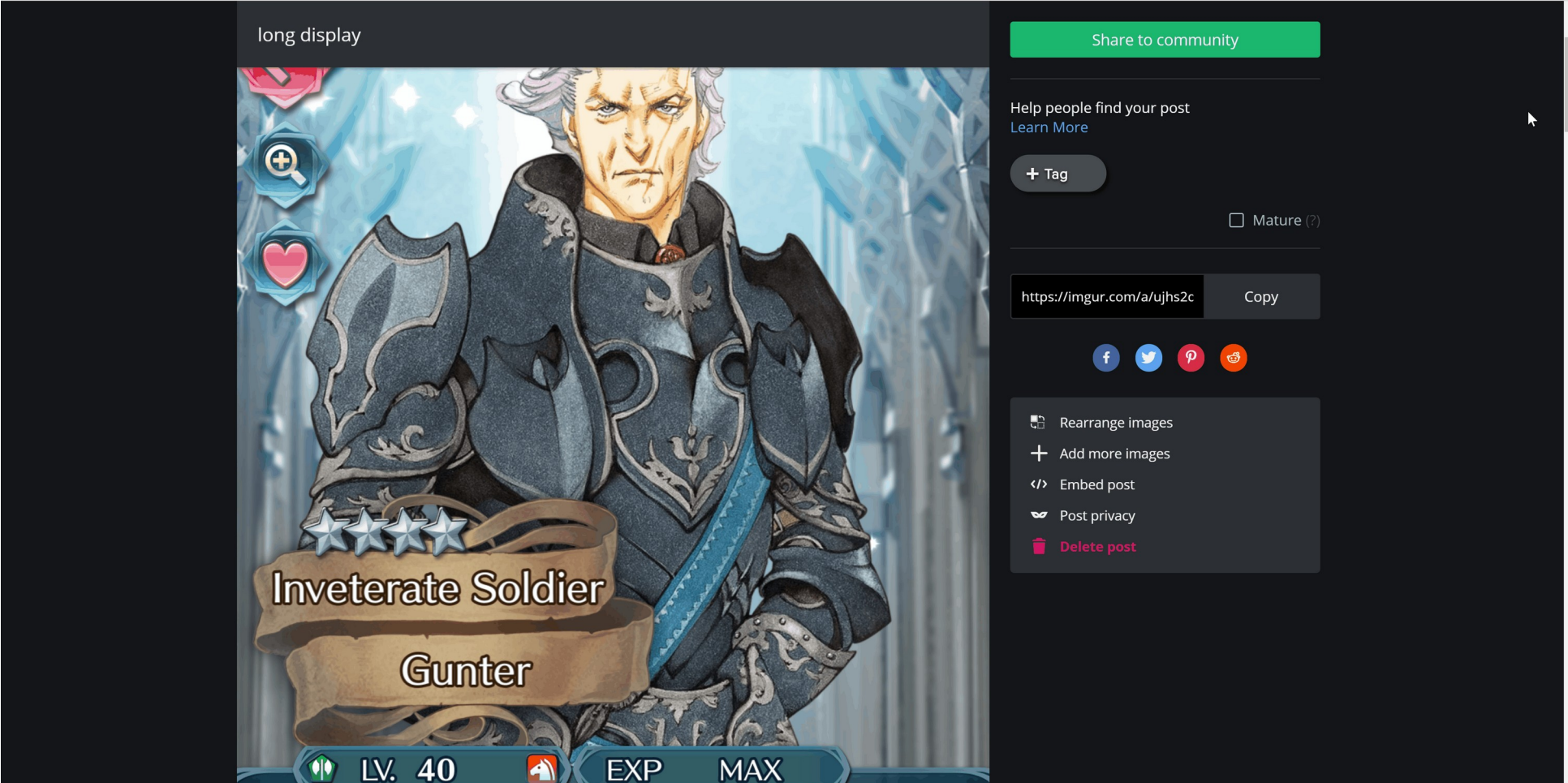
Skill List

Chris Smith
cuboon

The Problem



The Problem



The solution

← Tap!

Inveterate Soldier
Gunter

| Stat | Value | Skill |
|------|-------|----------------|
| LV. | 40 | EXP MAX |
| HP | 40 | Silver Axe |
| Atk | 44 | Harsh Command |
| Spd | 22 | - |
| Def | 28 | Armored Blow 2 |
| Res | 16 | - |
| SP | 358 | Hone Cavalry |
| HM | 34 | S- |

Skill List

DC Douglas
Yamada Akihiro (山田章博)

← Tap!

Sinister General
Black Knight

| Stat | Value | Skill |
|------|-------|---------------------|
| LV. | 40 | EXP MAX |
| HP | 48 | Alondite |
| Atk | 50 | Draw Back |
| Spd | 35 | Black Luna |
| Def | 35 | Steady Stance 3 |
| Res | 18 | Wings of Mercy 3 |
| SP | 750 | Ward Armor |
| HM | 311 | Initiate Seal Spd 1 |

Skill List

Robert Clotworthy
Daisuke Izuka

← Tap!

The Liberator
Zephiel

| Stat | Value | Skill |
|------|-------|------------------|
| LV. | 40 | EXP MAX |
| HP | 52 | Silver Sword |
| Atk | 48 | Swap |
| Spd | 18 | Reprisal |
| Def | 32 | Life and Death 2 |
| Res | 18 | Wary Fighter 3 |
| SP | 40 | - |
| HM | 208 | S- |

Skill List

Taylor Henry
Yamada Akihiro (山田章博)

← Tap!

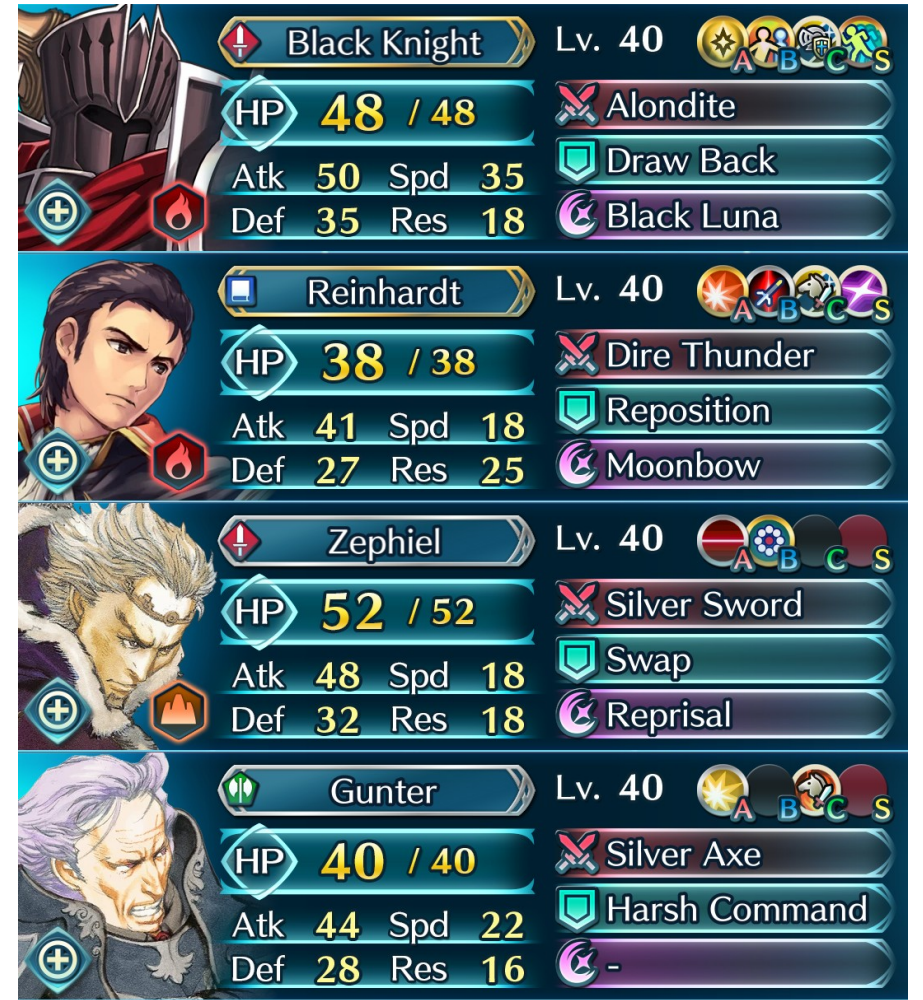
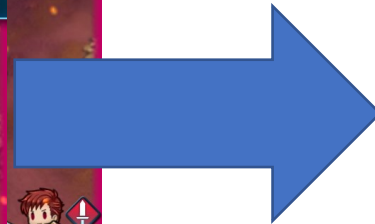
Thunder's Fist
Reinhardt

| Stat | Value | Skill |
|------|-------|-----------------|
| LV. | 40 | EXP MAX |
| HP | 38 | Dire Thunder |
| Atk | 41 | Reposition |
| Spd | 18 | Moonbow |
| Def | 27 | Death Blow 3 |
| Res | 25 | Lancebreaker 2 |
| SP | 187 | Goat Cavalry |
| HM | 80 | Quickened Pulse |

Skill List

Chris Smith
cuboon

The solution

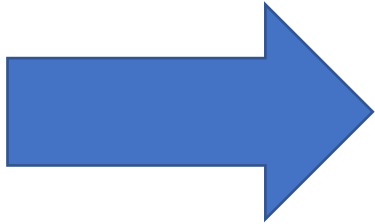


Tools used



App features

| Character | Level | HP | Atk | Spd | Def | Res | Abilities |
|--------------|--------|---------|-----|-----|-----|-----|-----------------------------------|
| Black Knight | Lv. 40 | 48 / 48 | 50 | 35 | 35 | 18 | Alondite, Draw Back, Black Luna |
| Reinhardt | Lv. 40 | 38 / 38 | 41 | 18 | 27 | 25 | Dire Thunder, Reposition, Moonbow |
| Zephiel | Lv. 40 | 52 / 52 | 48 | 18 | 32 | 18 | Silver Sword, Swap, Reprisal |
| Gunter | Lv. 40 | 40 / 40 | 44 | 22 | 28 | 16 | Silver Axe, Harsh Command |



Imgur API

POST Generate Access Token

```
https://api.imgur.com/oauth2/token
```

Given a user's refresh token, this endpoint generates an access token.

POST Image Upload

```
https://api.imgur.com/3/image
```

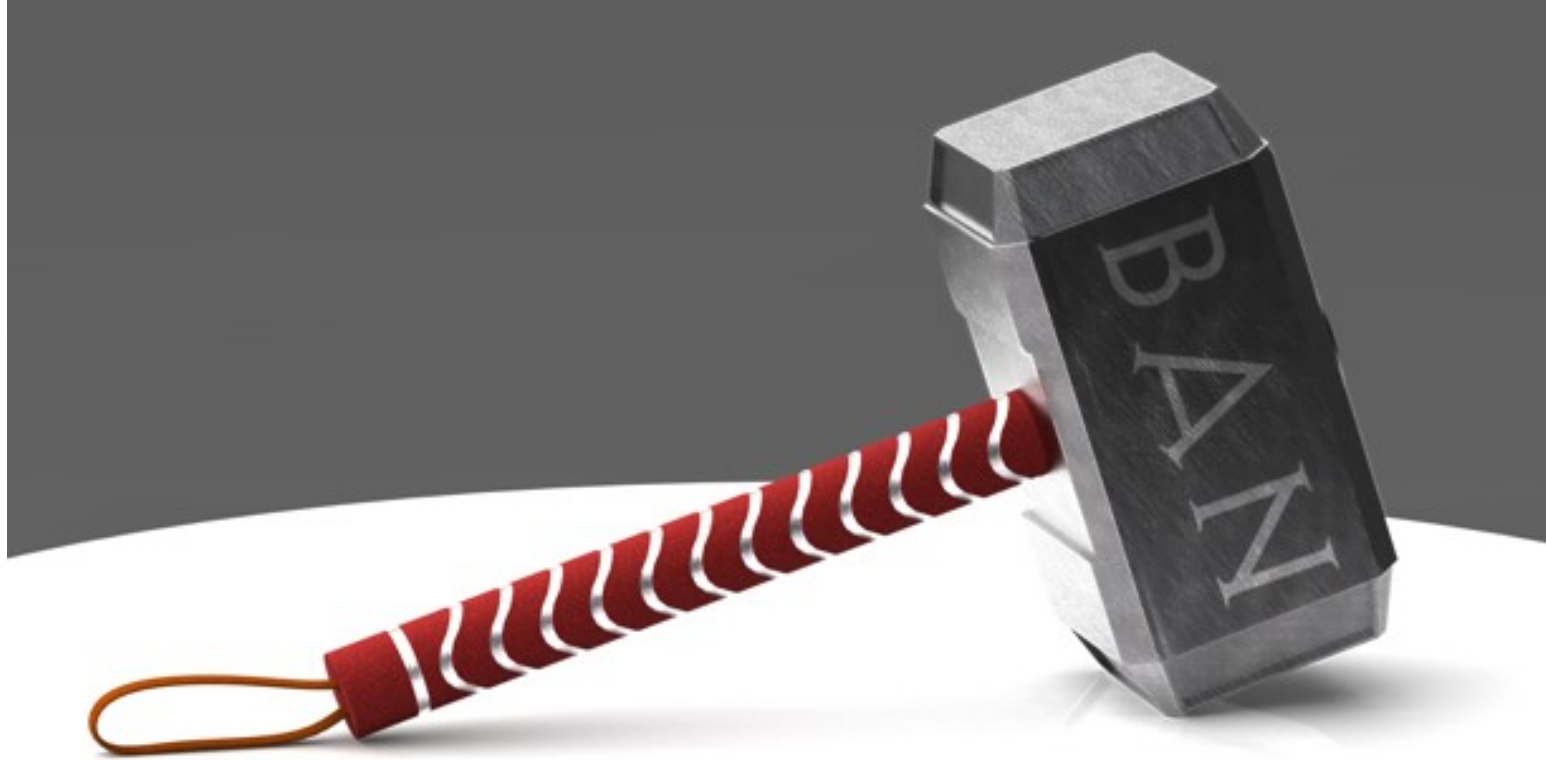
Upload a new image.

Demo

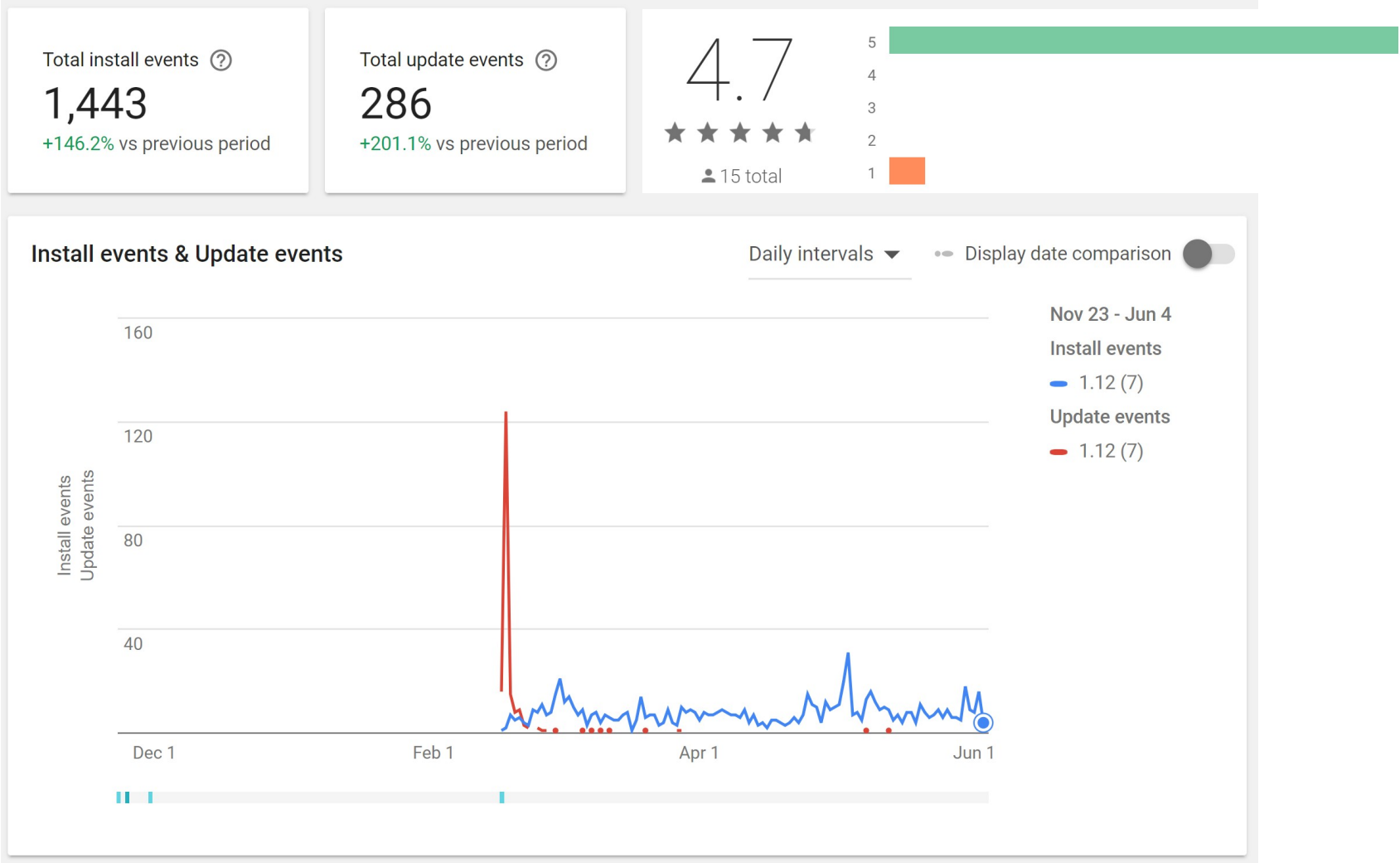
Challenges



Happenings



App statistics and review



Thank you for listening



★★★★★

Clean, simple, and easy to use!



2



★★★★★

Does exactly what you need it to do and does it very well. A neat little app



1



Scott Ginoza
Scott.Ginoza@outlook.com