e-halo

Let's quit vaping. Together.

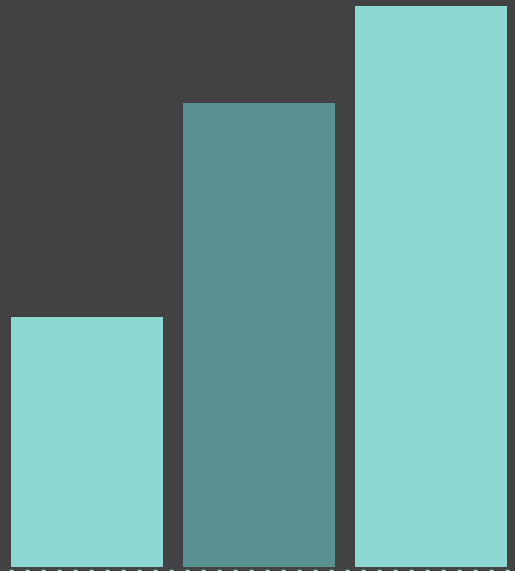
Android Mobile Application
UofT Hacks VII

Our mission is to create a healthier future for the younger generation through the use of positive encouragement and healthy competition in order to reduce the amount of vape usage in North American adolescents

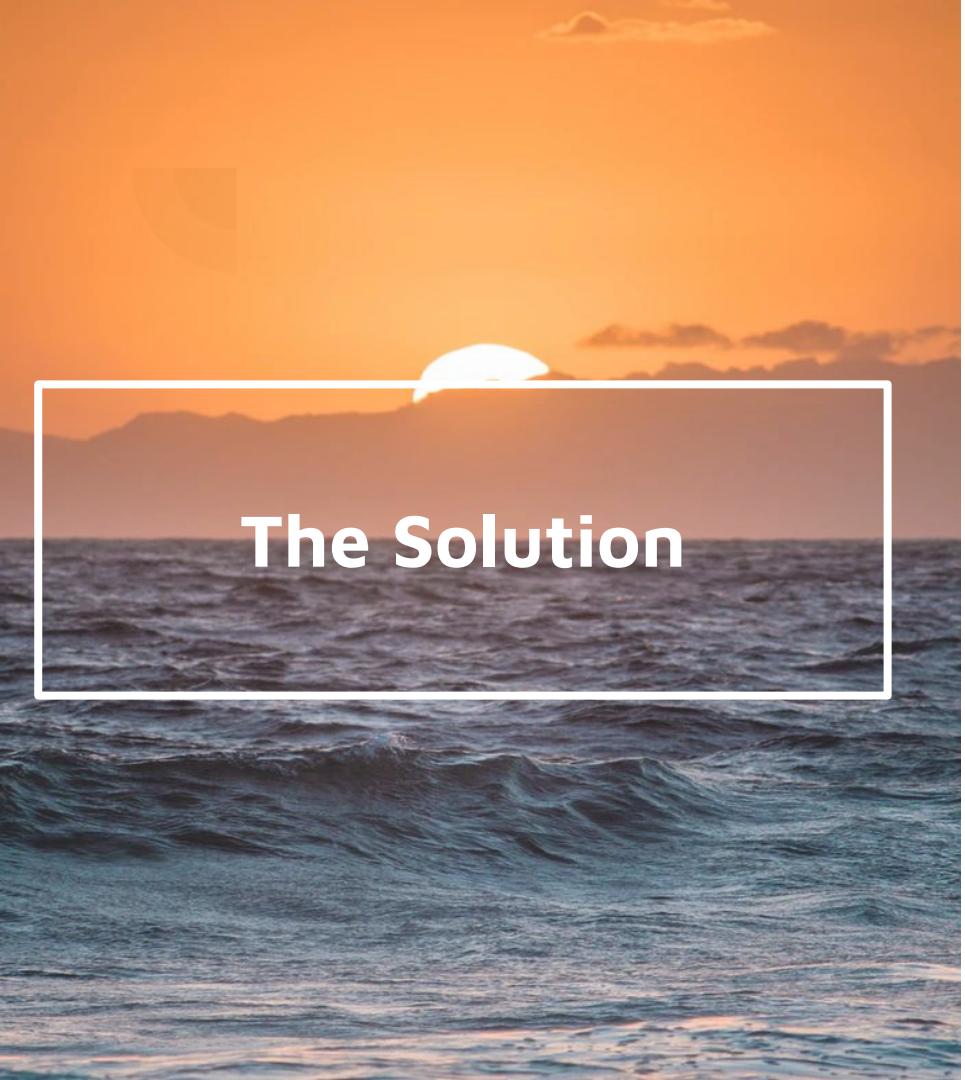
The Problem

- Vaping usage amongst North American adolescents is rapidly increasing
- Teens who use vapes are more likely to start smoking cigarettes
- Vaping can:
  - Lead to nicotine dependence
  - Affect memory, concentration, and alter teen brain development
  - Reduce impulse control and cause behavioural and cognitive problems

Past-Year Vaping in Adolescents
(National Institute on Drug Abuse)



Vaping Rises Among Teens, Risks of vaping, Teens and E-cigarettes



The Solution

We created **e-halo**, a mobile application intended to positively guide the youth to stop vaping.

Derived and combined from the words “exhale” and “halo”, **e-halo** is a guiding application to encourage adolescents to stop inhaling and start seeing towards a brighter future.

How e-halo works

Gamification

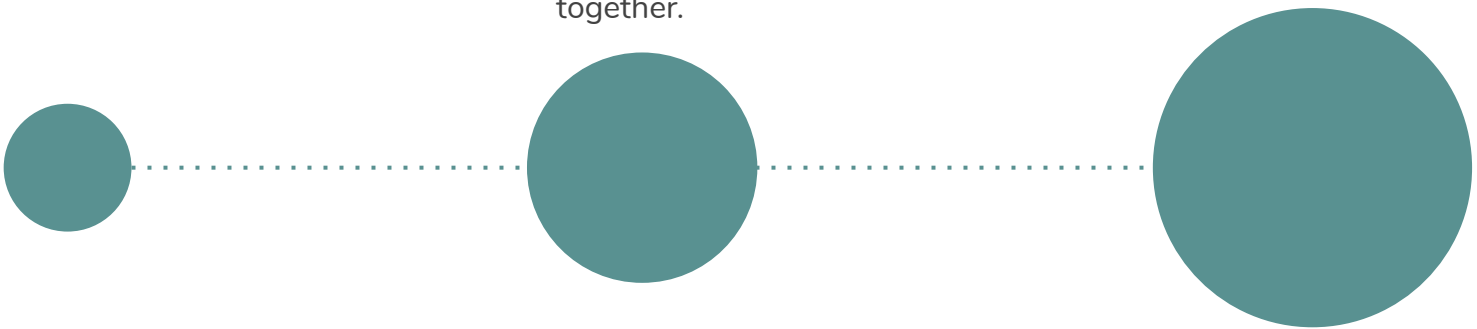
Using daily streaks and weekly goals, the app encourages staying clean from vaping on a daily, consistent basis.

Friendly Competition

Using leaderboards, ranks, and friend rosters, the friendly competition adds more excitement for friends quitting together.

Positive Encouragement

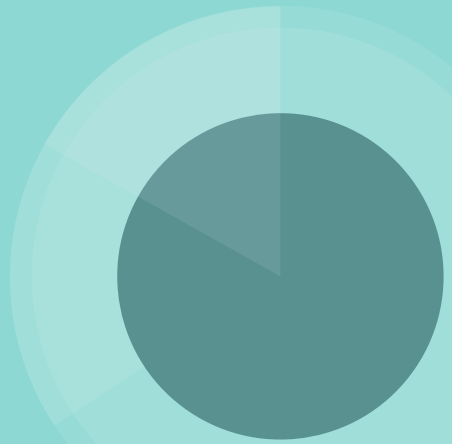
Using positive words and helpful tips, users are encouraged to stop vaping for their own health benefit.



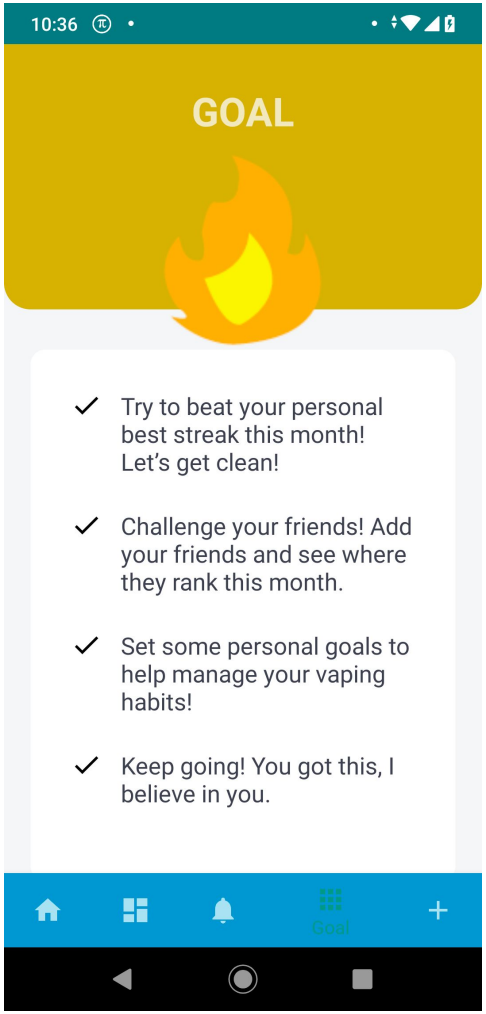
Mobile Application Features

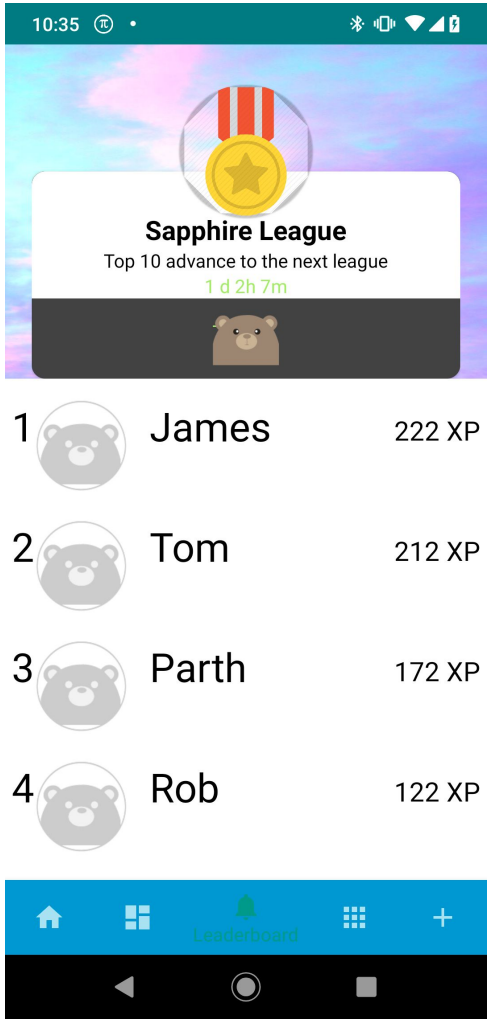
- **Daily Streaks**
  Amount of consistent days vape-clean
- **Friend Roster**
  Add friends and support each other
- **Leaderboard**
  Compete with others around the world
- **Ranking**
  Get a higher streak in order to unlock bronze, silver, and gold ranks
- **Goals**
  Set weekly and monthly goals for yourself

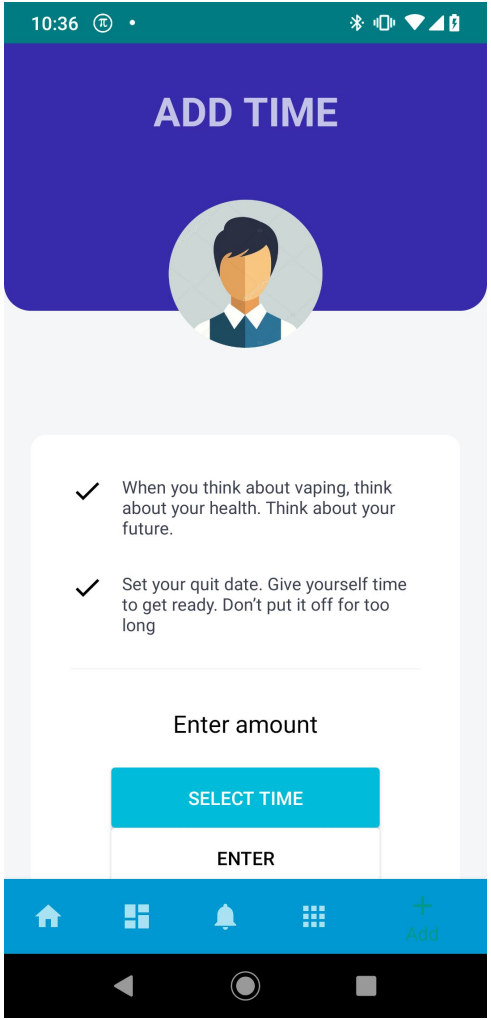
Mobile Application User Interface

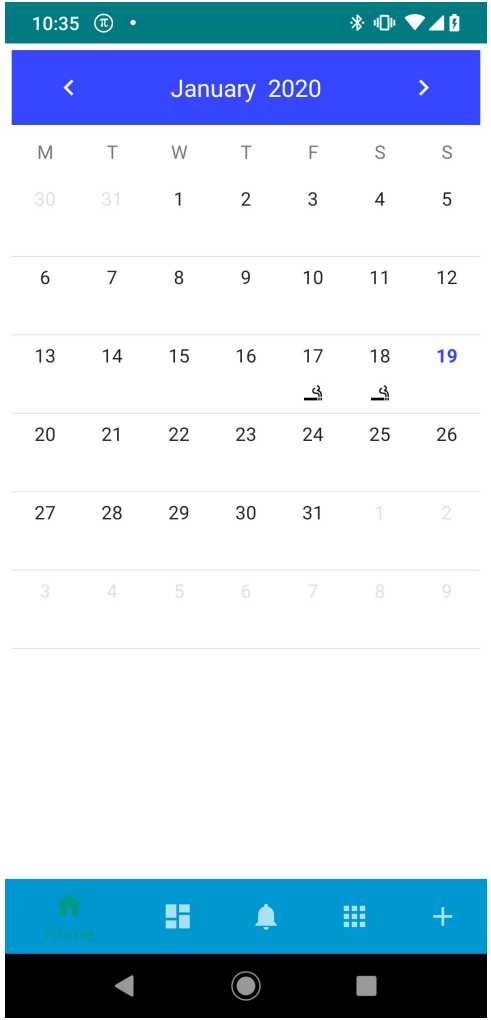


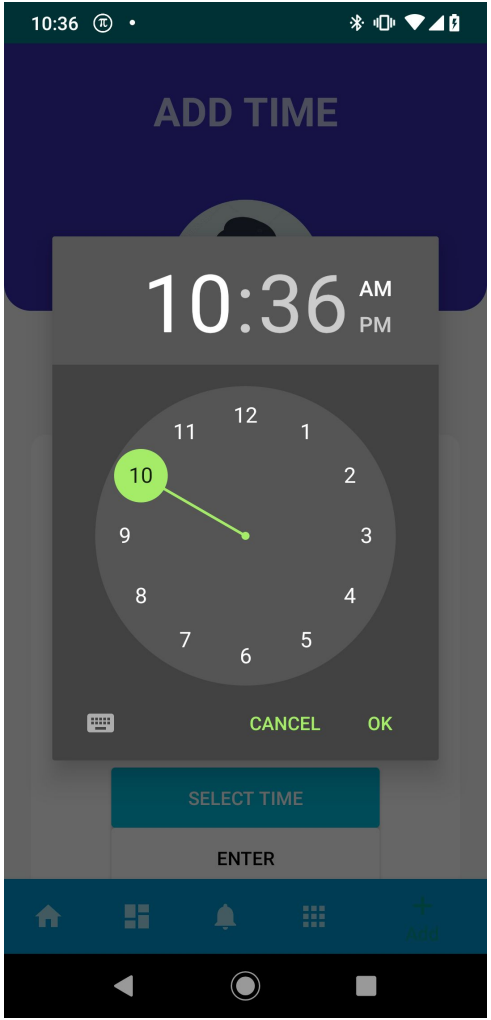
10:34
e-halo
Let's quit vaping. Together.
SIGN IN
REGISTER


10:36
GOAL
Try to beat your personal best streak this month! Let's get clean!
Challenge your friends! Add your friends and see where they rank this month.
Set some personal goals to help manage your vaping habits!
Keep going! You got this, I believe in you.
Goal


10:35
Sapphire League
Top 10 advance to the next league
1 d 2h 7m
1 James 222 XP
2 Tom 212 XP
3 Parth 172 XP
4 Rob 122 XP
Leaderboard


10:36
ADD TIME
When you think about vaping, think about your health. Think about your future.
Set your quit date. Give yourself time to get ready. Don't put it off for too long
Enter amount
SELECT TIME
ENTER
Add


10:35
January 2020
M T W T F S S
30 31 1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31 1 2
3 4 5 6 7 8 9
Home


10:36
ADD TIME
10:36 AM PM
CANCEL
OK
SELECT TIME
ENTER
Add

Technology Used:

Mobile Application:

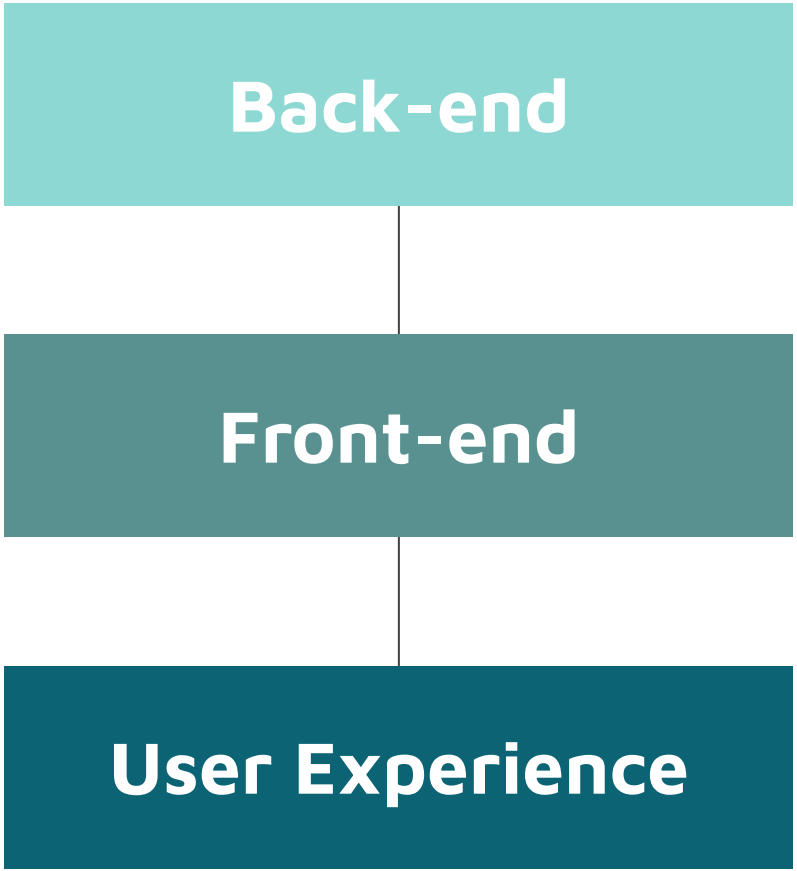
Java, Android Studio, Firebase, Illustrator

Website:

Domain.com

How we created the project

Our team developed this project this weekend during the UofT Hacks VII. The back-end development consisted of a user database created through Firebase. The front-end development was created through Android Studio and Java. The graphic design and user experience was created through Adobe Illustrator.



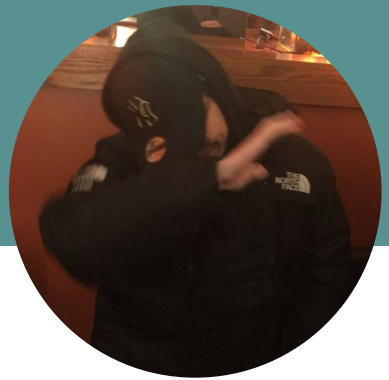
Our Team

As youth, we must help other youth, in order to create a brighter future for all.

Robert Ciborowski

Back-end Developer

Year 2 Computer Science
University of Toronto



James Tang

Front-end Developer

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Vanessa Landayan

Front-end Developer

Year 2 Computer Science
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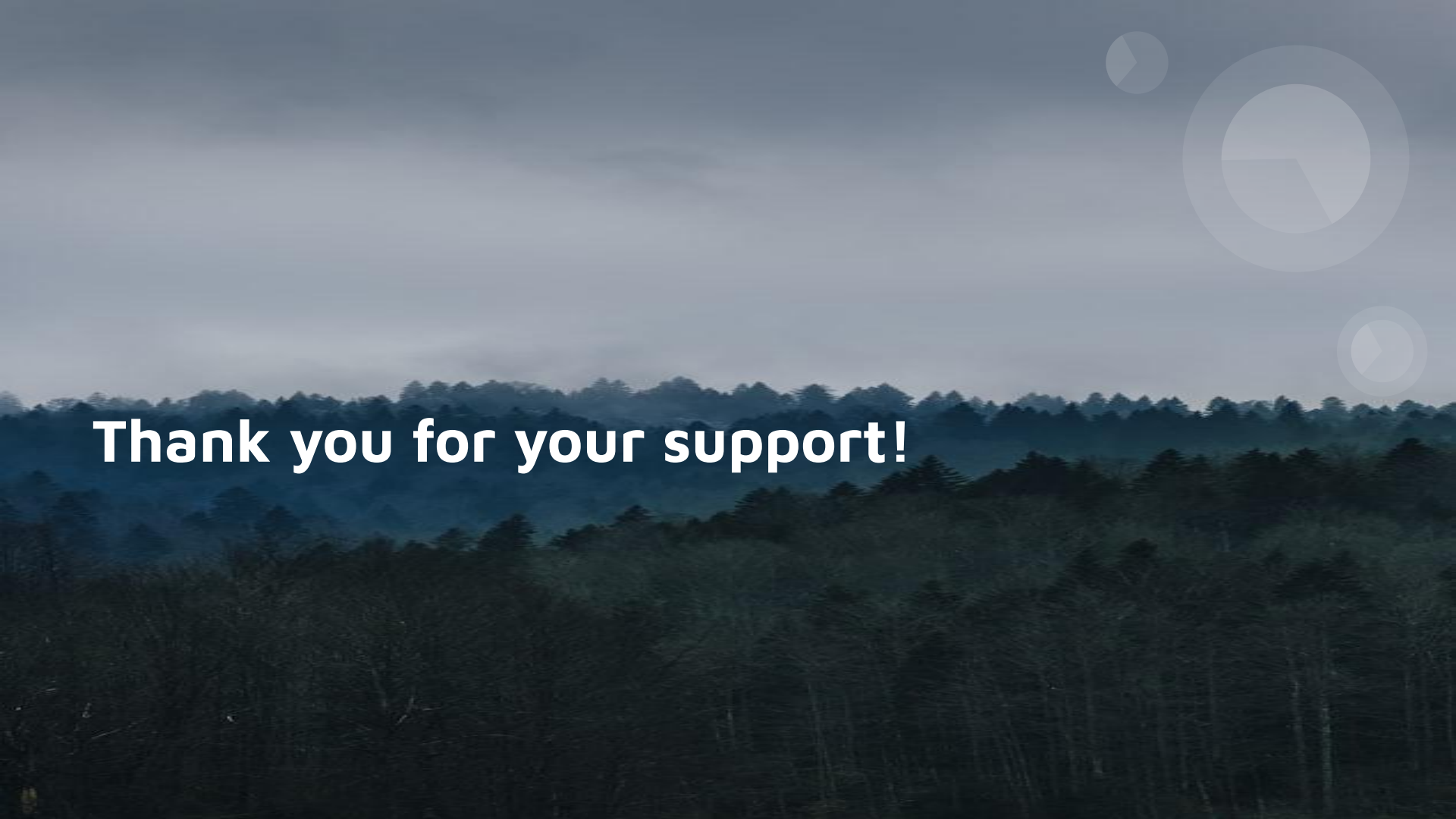
Website

http://www.e-halo.tech/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