# Wellthy

An end-to-end mobile platform connecting people and restaurants to meet and eat well together



# Wellthy's mission is to create connections between people that are:

# Meaningful

A new type of social algorithm that uncompromisingly puts individuals and society first.



#### **Effortless**

A "full-stack", end-to-end experience – all in one mobile app.



# **Designed for "wellth"**

Success is measured by improved health and wellbeing of users.



ad a conversation with a triend or relative nkins, 64, a retired nurse from Berkshire, in southwest F "As a research psychologist, I have studied the impact of technology started to feel lonely when her son moved abroad and for 30 years among 50,000 children, teens Loneliness is a serious public-health zed to a smaller hot a in a different county. s a financial decisio problem making new friends, view. "Months would eally depressed and

The lonely are not just sadder; they are unhealthier and die younger.

What can be done?

lirection on how to cope and fix the problem," she said, adding that she was surprised by how many young people had joined the group. "There are so many university students who just lock themselves in their rooms for days because they feel rejected or that they don't fit in," Ms. Jenkins said. "It's only a matter of time before loneliness turns into depression. And that's where it gets dangerous."

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r "often" feel lonely or lack 0,000 U.S. adults, 18 and older,

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finding stands out: Generation Z (22

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ometimes" or "always" feeling alone more than one in four Americans (27

people understand them; and 43

Decide brains withing for socialization can malfunction, leading people to feel isolated and bereft. of us. In fact, Malaspina says, evidence shows that feelings of loneliness can begin in infancy, though treating the resulting depression "can restore the ability to connect and alter the brain's circuitry."

rch consistently documents that social

health concerns, with mortality risk

ses in economic resources, increases in

d mortality outcomes. 1-4 Yet loneliness and

noking and even exceeding the influence of

eived social relationships, 6 loneliness can be

Julianne Holt-Lunstad, professor of psychology at Brigham Young University, says no age group is invulnerable to the effects of social isolation and loneliness. Her analysis of existing r finds that the health toll of loneliness is stronger for those under age 65 than for the old contrary to what stereotypes may suggest.

Primack says the results shouldn't be interpreted to mean that  $\boldsymbol{v}$ social media accounts, but there's a lot to dig into to see how be example, future research could focus on whether outcomes var  $% \left\{ 1,2,...,2,...\right\}$ 

f was associated with feelings of social isolation, a study fThe results surprised study co-author Brian Primack, "It's social media, s people going to be socially connected?" he says. He's director of the Cente Research on Media, Technology and Health at the rr-

# Loneliness kills: A new public health crisis (and what we can do about it)

Shakya, an assistant professor in the division of global publ of California, San Diego, who wasn't involved in the study. research to tease out the mechanisms and replicate the fin she says, is another piece of the puzzle.

Shakya was an author of a study published.

usage of 11 social media platforms outside of work. The survey also ~ ---yeu 1,787 U.S. adults ages 19 to 32 and asked them of isolation by asking participants questions such as how offerhappen in this type of survey, people may have love ire feeling lonely, then take a step to

> Your Inner Critic and Create a Life You L reaching out to a colleague or neighbor them to an event (such as a local art e)

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That could mean reaching out to old friend U.K. Appoints a Minister for Loneliness whom you have lost touch, such as a text catch up. Can we meet Tuesday for coffee Lombardo, Ph.D., Author of Better Than I

# Nearly half of Americans feel lonely or left out, while 57% of all meals are eaten alone.

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Ferent kind of horror: our growing fear of

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al and perceived social isolation are both associated with increased or early mortality. In this meta-analytic review, our objective is to st of every age-group and appears to

Research Links Heavy Facebook And Social Media Usage To Depression

inally, regarding those isolated adolescents: Studies find those who pend more time taking part in in-person social interactions, sports and ercise; doing homework; reading print media and attending religious rvices were less likely to experience feelings of isolation and

National Depression Education and Awareness Month begins, it makes se to consider loneliness as a public health challenge, but one for social isolation that is its hallmark can be all

vely high rates of loneliness—by some estimates, 40% to 50% report that they are istently found that social relationships are associated with a variety of comorbid ition to premature mortality. Negative health outcomes linked to loneliness include hig cardiovascular disease, 10 disability, 11 cognitive decline, 12 and depression. 13 Such in turn, create higher need for health care and be linked to higher health care the who are more likely to suffer from multiple conditions. 15 loved.

leaths of contemporaries can heighten the risk of social isolation and loneliness.3

ndicate that nearly 1 in 3 older adults report loneliness in the United States. 2

or loved one and express concerns about their smoking habits research has found. More than nine million people obesity, yet many of us do so regardless. But how many of us has always feel lonely, according to a 2007 report published by the work obesity, yet many of us do so regardless. But how many of us has always feel lonely, according to a 2007 report published by the work of the second o lonely people and for those around them. It isn't easy to approof to loved one and express concerns about their smoking habits besity, yet many of us do so regardless of proached a friend.

Public dialogues about the dangers of smoking an for decades. People who smoke and those who sti aware that their health and longevity are at risk. Bu largely unaware of the risks they face, as are their fa

is not a problem exclusively for elders, the oldest old (those aged 80 years and older) Consider that when a loved one smokes, there is no Heaviest Burden them other than urge them to change their is no them other than urge them to change their habits an comes to loneliness, we can actually be the solution: We can visit, and include them in activities and get-togethers. We can deeper, more meaningful conversations and make them feel

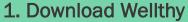
Americans Are A Lonely Lot, And Young People Bear The

Private programs like Well Conne eginning to heighten awareness of and addre -- UnLonely Project, a program led by Harvard Medical School internist Jeremy Nobel, is evaluating the use of creative arts to help participants explore their feelings about lonelines

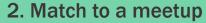
# Upending existing social models with an end-to-end experience that puts wellbeing first

#### Meet Betty.

She just moved to NYC for a dream job in tech and wants to make local friends.



Betty downloads the Wellthy mobile app. She creates a profile and logs-in.



Betty gets matched to a meetup - 1-3 other users and a restaurant - based on profile and preferences e.g. date, time, location, dietary, interests.



### 4. Easy mobile payment

When Betty is ready to leave, she splits the bill and pays her portion through the mobile app.



Betty arrives at the meetup. She has good conversation and food with other diverse users: an artist, a designer, and a physics student.



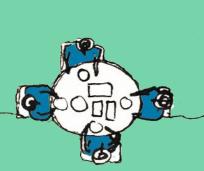
#### 5. Feedback &

Betty provides private feedback through the app on users and the restaurant to improve personalization.



## 6. Meetup... again!

Betty loved the first meetup and has made some great connections through it. So she decides to go to another one.





Betty is Wellthy.





# Wellthy's two-sided platform: Restaurants as valued business partners



Restaurants use the Wellthy
Booking platform to upload details
of empty tables 0-5 days in advance
e.g. time/date, no. of tables/seats.





Users open the Wellthy mobile
platform and match with other users
and an empty table for discounted
meals (e.g. 10-20% off).

Wellthy takes a commission (e.g. 10-20%) from restaurants for every successful "meetup" transaction. Ex. Revenue: 1,000 users x 26 meals/year x \$25/meal x 15% commission/meal = \$97,500/year

# Other potential revenue streams:

- Advertisements: Restaurants buy ads to promote results.
- Tiered Wellthy partner model: Different tiered partnership packages with higher tiers getting access to additional features e.g. ads, insights on users.
- Wellthy Gold membership: Monthly in-app subscriptions for users to access additional features.

# Why Won't Facebook Talk **About How Often Its** Algorithms Are Wrong? smartphones. The total effect has been to allow us to connect more

 $_{
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"There are so many university students who just lock themselves in their rooms for days because they feel rejected or that they don't fit in," Ms. Jenkins said. "It's only a matter of time before loneliness turns into depression. And that's where it gets dangerous."

percent of adults in Japan, 22 percent in America in Britain "always" or "often" feel lonely or lack o. Another <u>study</u> of 20,000 U.S. adults, 18 and older, ay by Cigna and market research firm Ipsos, reveals nearly n adults reported "sometimes" or "always" feeling alone left out (47 percent); more than one in four Americans (27 " or "never" feel that people understand them; and 43 ricans "sometimes" or "always" feel their relationships lack ey are isolated. One finding stands out: Generation Z (22 er) scored the lowest of every age-group and appears to o experiencing significant loneliness. Gen Z may be the

n impacts, several recent studies have found that k factor for decreased resistance to infection, cognitive ditions such as depression and dementia

co 2010 study found loneliness to be a predictor of try mortality. In this to feel isolated and bereft. he overall and relative nd to examine possil nd alter the brain's circuitry."

dies (January 1980) iversity, says no age group cINFO, Social Worl nalysis of existing research 65 than for the older set,

Mental Health ling used to combat the loneliness arising from for people of all ages in several industrialized nally, regarding those isolated adolescents: Studies find those who pend more time taking part in in-person social interactions, sports and ercise; doing homework; reading print media and attending religious rvices were less likely to experience feelings of isolation and

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'chologist, I have studied the imp 3 50,000 children, teens, and ad ' writes Larry Rosen, a professo resity, Dominguez Hills in an ar nat time, three major game-changers nave

New Studies Show Just How

Bad Social Media Is For

How to Survive the Next Era of Tech (Slow Down and Be Mindful) ...... portable computers, social communication, and in, as an elderly woman, ... --

already the subject of 10,037 Tuesday

been a horror-movie icon, a symbol of Hollyw

avage later told Los Angeles magazine that she ills for clues about the life that led to such an er grotesque death, Vickers had made calls n tant fans who had found her through fan cor Internet sites.

"I've downloaded tons of "meetup" apps but have

never actually gone out to physically meet

someone through the apps. It's too much anxiety

and hassle to think about what to say, set up a

time and place that works for both parties, and

think about what to say some more..."

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"What we know at this point is that we have evidenc For young adults, social income relationships with social media use is detrimental to y assistant professor in the division of global , San Diego, who wasn't involved in the --

The results surprised study co-author Brian Primack. "It's social media, so are he socially connected?" he says. He's director of the Center for The Mess at Meetup

a study published in January that tr well-being over time and found the use of the social network  $_{\it V}$ with factors including physical health, mental health and life sa interactions, meantime, had positive effects.

While face-to-face social connectedness is strongly associated with well-be clear what happens when those interactions happen virtually. To investiga and his colleagues surveyed 1,787 U.S. adults ages 19 to 32 and asked the

usage of 11 social media platforms outside of work. The survey also gauge Darticipants questions such as how often they felt lef "If you are feeling lonely, then take a step to boos That could mean reaching out to old friends or ac whom you have lost touch, such as a text saying 's catch up. Can we meet Tuesday for coffee?" sug Lombardo, Ph.D., Author of Better Than Perfect: 'A Your Inner Critic and Create a Life You Love. "Or reaching out to a colleague or neighbor. You migh them to an event (such as a local art exhibition o you want to meet new people, try finding a group

Among people in that age group, heavy use of platforms such a

and Instagram was associated with feelings of social isolation, a study finds.

gy and Health at the University of Pittsburgh. A

connecting social media use and depression in y

sing, these new results seemed counterintuitive.

people. For example, if you love to cook, take a g Or if you are passionate about the symphony, loc opportunities with your local orchestra.

comes to lone depression, studies say

- Kristen Lee, NYU Law Student, 24

consider that them other the comes to long. - program led by Harvard Medical School internist Jeremy Nobel, is - use of creative arts to help participants explore their feelings about lonelines with others by sharing their stories online and in person. The project Film Festival, a collection of short films that double

or loved one and express concerns about their smoking habit. But Britain, in fact, already has a serious problem with loneliness, often or obesity, yet many of us do so regardless. But how many of us he research has found. More than one observed one to discuss our concerns about always feel lonely, according to a constant of the country of the local serious problem. The lone interest of the country of the local serious problem with lone interest of the country of the local serious problem with lone interest of the local serious problem with lone interest, of the local serious problem with lone interest. e issues is not to aband rms as mere tools. I s

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# Carving out the "social restaurant" market, starting with young people in NYC

#### Why restaurants?

Beyond market size, restaurants are inherently social venues. They're a prime first "meetup" offerings for Wellthy, with potential to expand into other social offerings e.g. fitness, cooking, community events.

## Why young people?

They are a prime early adopters due to multiple common use cases, and mobile competency (digitally native persona), with potential to expand into other target groups e.g. elderly.

	Social platforms	Restaurants
Competitor, 2017 revenue, No. users	<ul> <li>Tinder (2012), \$400M, 50M users</li> <li>Bumble (2011), \$100M, 22M users</li> <li>Meetup (2002), acq. by WeWork for \$200M, 35M users</li> </ul>	<ul> <li>Opentable (1998), \$190M (2013), 16M users</li> <li>Yelp (2004), 713M, 77M users</li> </ul>
Current market outlook	<ul> <li>2.46B users (71% of Internet users) on social networks; most meetup apps focus on the dating use case.</li> <li>215 min/week are spent on mobile social apps by users.</li> <li>But social platforms have been criticized for algorithms built for content engagement rather than authentic connections.</li> </ul>	<ul> <li>Restaurant industry sales reached \$799B with 4.3%+ YoY in 2017; \$43B In NY.</li> <li>Increase in mobile reservations and payments (75%+ YOY in 2017) for restaurants.</li> <li>But the industry is competitive with high restaurant turnover and empty tables.</li> </ul>
User group: Young people (18-29 yo) in NYC	Young people spend most of their mobile usage on social apps (29%) and make up 88% of users. Yet, they are lonelier than any other generation.	Young people have purchasing power, with a strong preference for eating at restaurants (2.3% total meals) and convenience.

#### Wellthy's unique differentiator?

Focusing on user wellbeing first, Wellthy delivers value to both users and restaurants by leveraging the trends and best practices of both markets through an integrated, end-to-end "social restaurant" experience.

# Risks and strategic opportunities

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• Two differentiators: Social impact-driven mission and best-in-class technology innovation

# **Defining a human-first social algorithm**

- Preliminary market and user research
- Create a knowledge graph to utilize data as info

# **Balancing demand with supply**

• Hire sales & partnerships experts, selling value-add of increased revenue from originally empty tables and operation efficiency from Wellthy Booking platform

# **Safety concerns of meetups**

- Feedback allows iteration of social algorithm rewarding reliable users
- "Verified user" feature
- Branding targeted towards desired users and mission

#### Initial user traction

- Marketing towards young people in high density (users & restaurants) neighborhoods e.g. East Village
- Incentives and promo codes

# **Continuous engagement**

- Features: User-to-user messaging and friends list
- Future vertical growth into user tools for event planning
- Gamified rewards program

#### Is this even consumer health?

- Social determinants of health contribute to 50% of patients' health outcomes; socialization (i.e. loneliness) is one of them
- Future horizontal growth focused on voluntary "social prescribing" model

# Driven by the Wellthy mission towards future growth

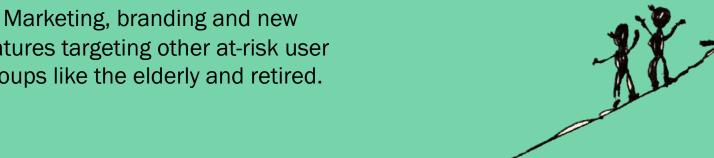
Best-in-class technology allows for competitive advantage and horizontal and vertical growth to serve Wellthy's mission:

# 2. Target groups

Marketing, branding and new features targeting other at-risk user groups like the elderly and retired.

## 3. Primary care tool

Three-sided platform where GPs can recommend users to activities through Wellthy Care platform as a form of "social prescribing".





1. Social activities

Expanding partnerships to offer

other social activity meetups like

nutrition, fitness, cooking classes;

# Thank you Betty Chang 331-240-5529 betty.chang@mail.mcgill.ca