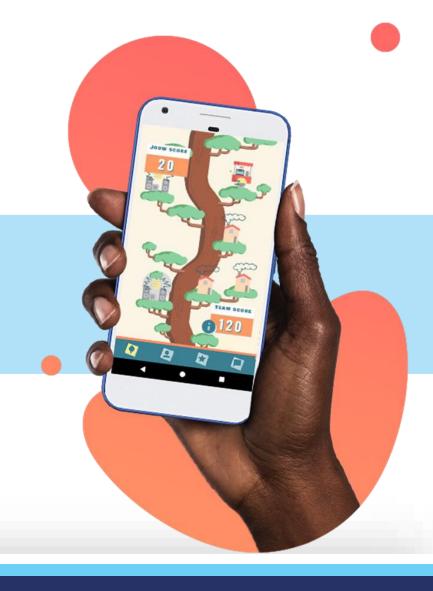
Grow It! app

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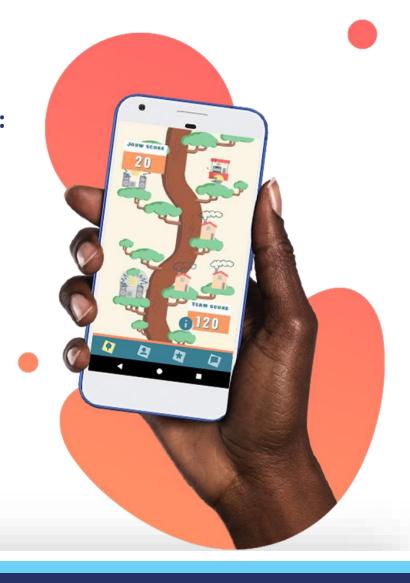
Je laat een boom groeien met je team (5-8 jongeren):

Compete met andere teams



PUNTEN DOOR:

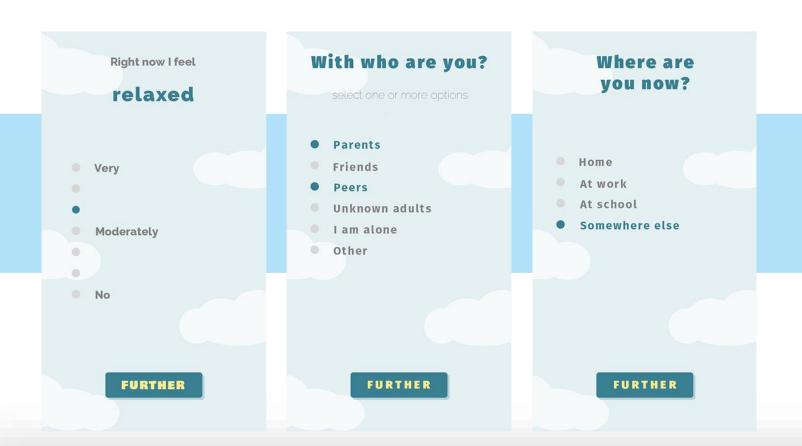
- Invullen van emotie vragenlijsten (ESM)
 - ✓ Inzicht in emoties
- Dagelijkse challenges uitvoeren
 - ✓ Omgaan met stress







1. Emotie vragenlijsten (ESM)





2. Challenges



Chat function







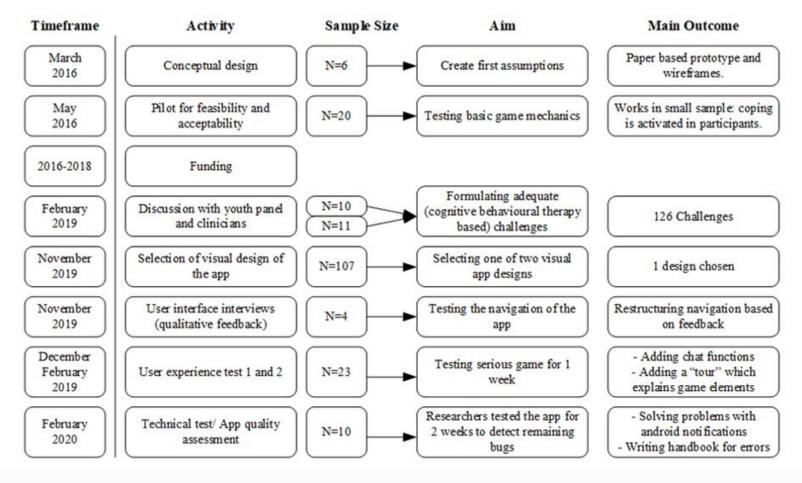
Security & Privacy

- Accepted by privacy and security
 officers Erasmus MC
- ✓ Secure hosting
- ✓ No data saved on phone





Developmental process, acceptability, and feasibility of Grow It!



(Dietvorst, Aukes, Legerstee, Vreeker, Hrehovcsik, Keijsers & Hillegers, under review)



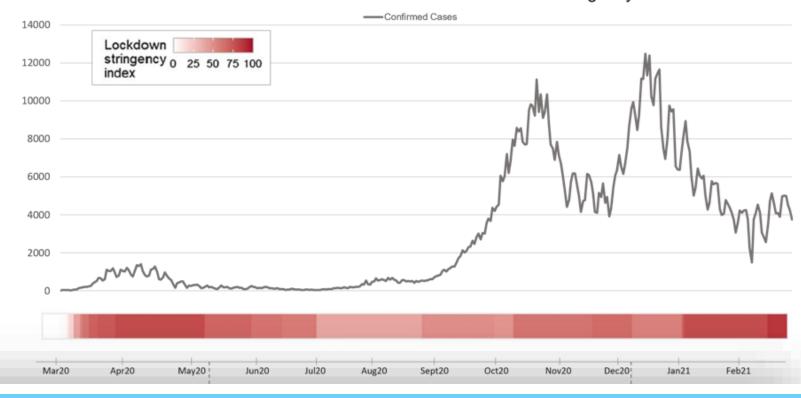


The Grow It! Serious Gaming App Longitudinal Changes in Adolescent Well-being During COVID-19

- In this <u>preregistered</u> longitudinal study, we evaluated the multiplayer serious gaming app
- First lockdown (1282 adolescents (mean age 16.67, SD=3.07, 67.7% girls) and
- Second lockdown (1871 adolescents (mean age 18.66, ±3.70, 80.50% girls)
- Measures: demographics, affective and cognitive well-being, depressive symptoms, anxiety, loneliness, coping, and COVID-19 related stress.

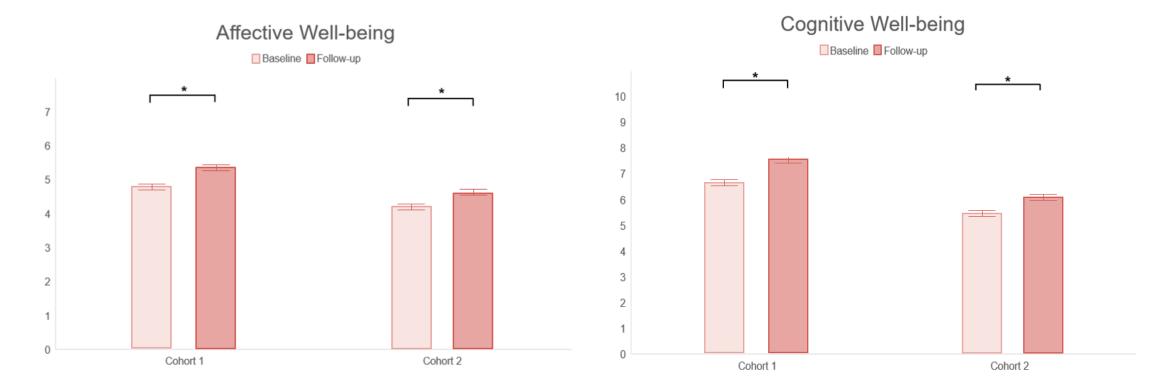
(Dietvorst, Legerstee, Vreeker, Koval, Mens, Keijsers & Hillegers, in progress)

Confirmed COVID-19 infections and Lockdown Stringency









Affective well-being **statistically increased** [cohort 1 (t (461) = -6.806, p = .000*, d = 0.32) and in cohort 2 (t (732) = -6.77, p = .000*, d = 0.23)] Cognitive well-being **statistically improved** [cohort 1 (t (461) = -6.12, p= .000* d= 0.27) and cohort 2 (t (732) = -5.93 p = .000*, d= 0.20)]. At the individual level, 41-53% of the adolescents increased in their affective or cognitive well-being. Sensitivity analyses were run in a regression framework to rule out confounders (e.g., COVID-19 stringency index) which yielded similar results)

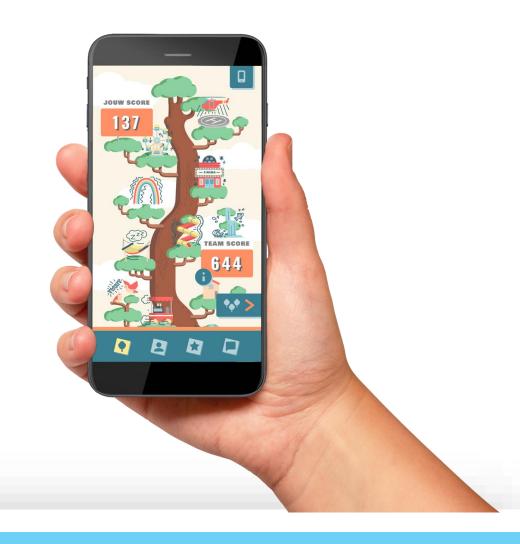






Results, acceptability and feasibility

- Total rating of the app: **7.16** out of 10
- Rating app appearance: 7.87 out of 10
- 74.4% would recommend the app to friends
- 70.2% reported that the app stimulated them to reflect on their feelings
- 35.1% reported that they have become more physically active







Future: The added value of personalized feedback "Emotion profile"

