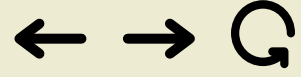




Cover



Sea Hackathon



SeaLight

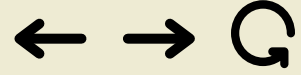
Help ex-offenders reintegrate

Team SB CD



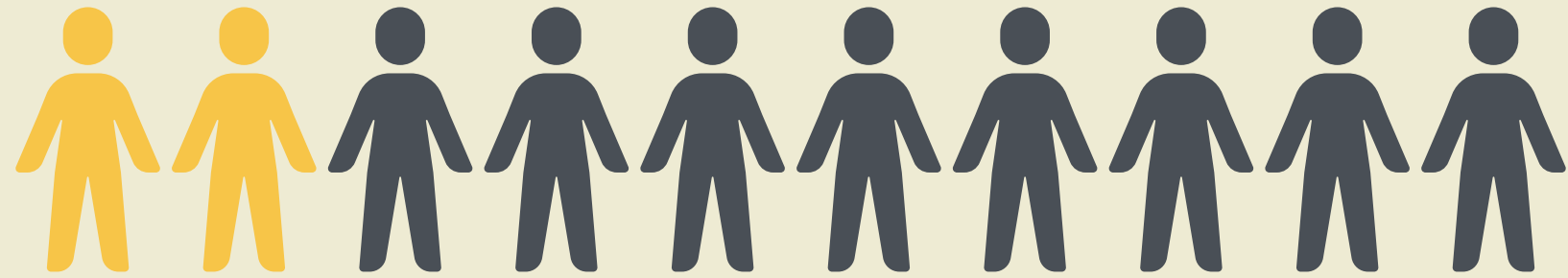
Cover

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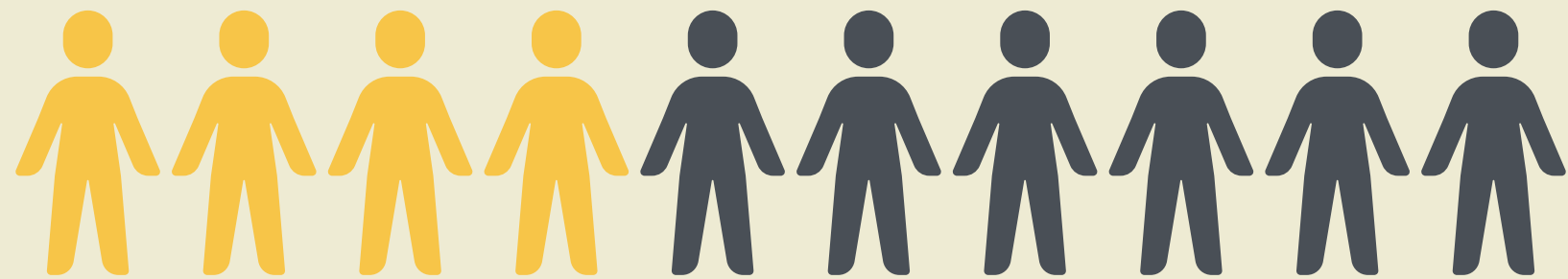


Sea Hackathon

Currently



2 out of 10 relapse within 2 years



4 out of 10 relapse within 5 years





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Gaps in current support



Lack of community



Organization-driven



Limited support period

6-12 months



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“An ex-offender knows and can understand another ex-offender. We're able to relate to each other and help one another.”

Benny Se Teo, 62, owner of Eighteen Chefs





What

Help former offenders uplift each other

- Fosters a sense of community
- Human-driven
- Longer term support
- Instills a sense of purpose





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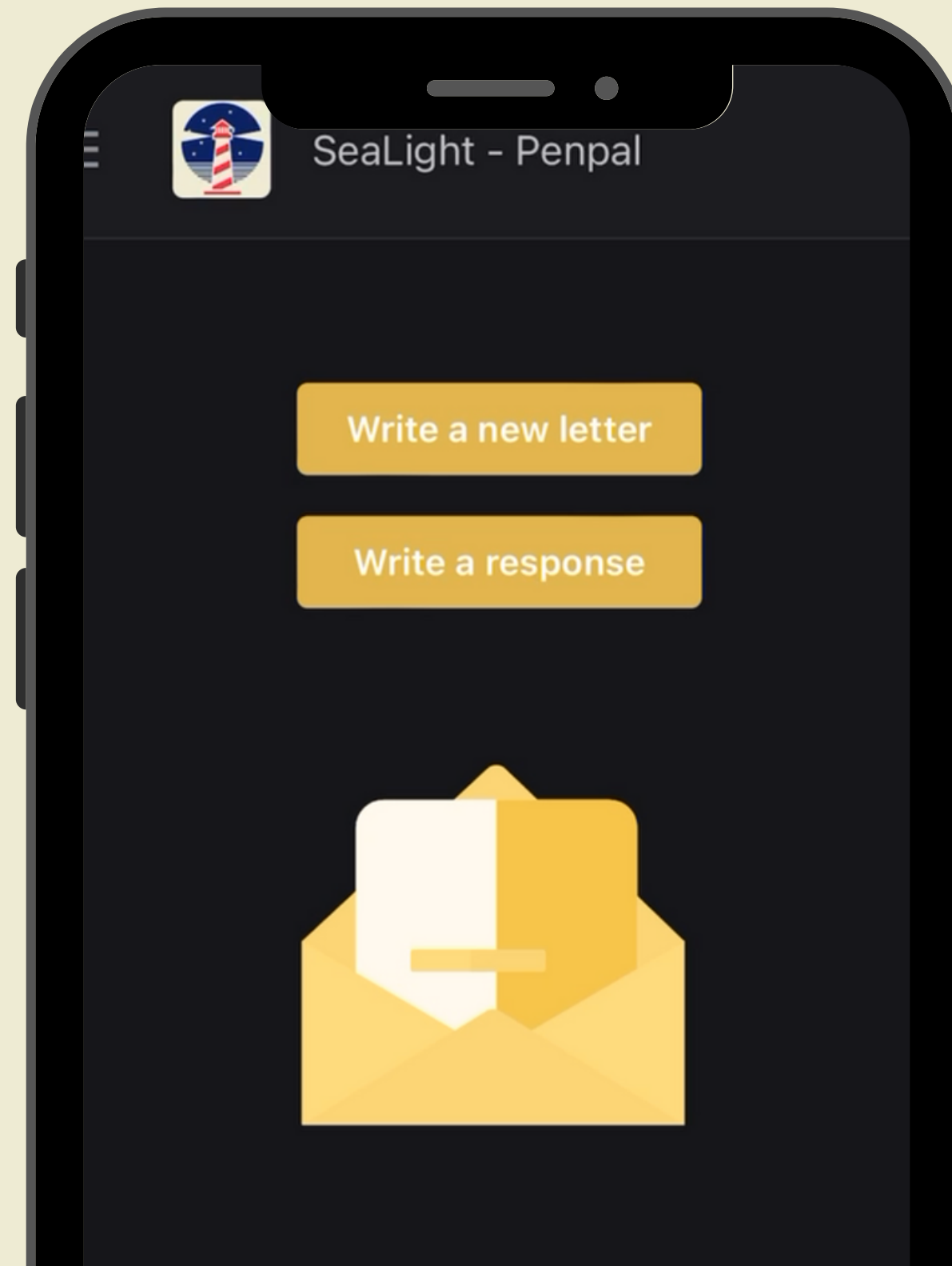
Solution



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How

Create an app for **ex-offenders only** with a heartwarming **penpal feature** and **other supporting features**.





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Penpal feature

- Send letters to receive advice from other users
- Volunteer to reply to letters already sent
- Encourage advice-givers when they hit milestones ("You've helped five people! Keep it up.")





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Abuse filter

Scans language for toxicity, rude language, and inappropriate behavior

Will be filtered for moderation





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Sentiment analysis

Natural language processing to understand the mood and attitude of ex-offenders

Use the data to study risk of re-offending

Allows qualified counsellors and organizations to step in with additional help and support





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Job board

Helps ex-offenders find jobs and keep jobs

Partner with the Yellow Ribbon Project to list their jobs on this portal

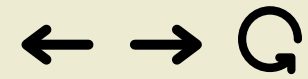




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Sea Hackathon

Demo



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We hope to uplift the lives of ex-convicts, building them a place where they can lean on each other and receive help when needed.

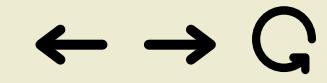




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Thank you

Q&A



Current support



Housing

Individual Transitional Aftercare Program (iTAP)
- Provide transitional accommodation facility for 6 months



Finance

Yellow Ribbon STAR Bursary
- Provide support for education expenses



Jobs

Yellow Ribbon skills training assistance / employment support
- Essential skills training
- Coaching for job related challenges

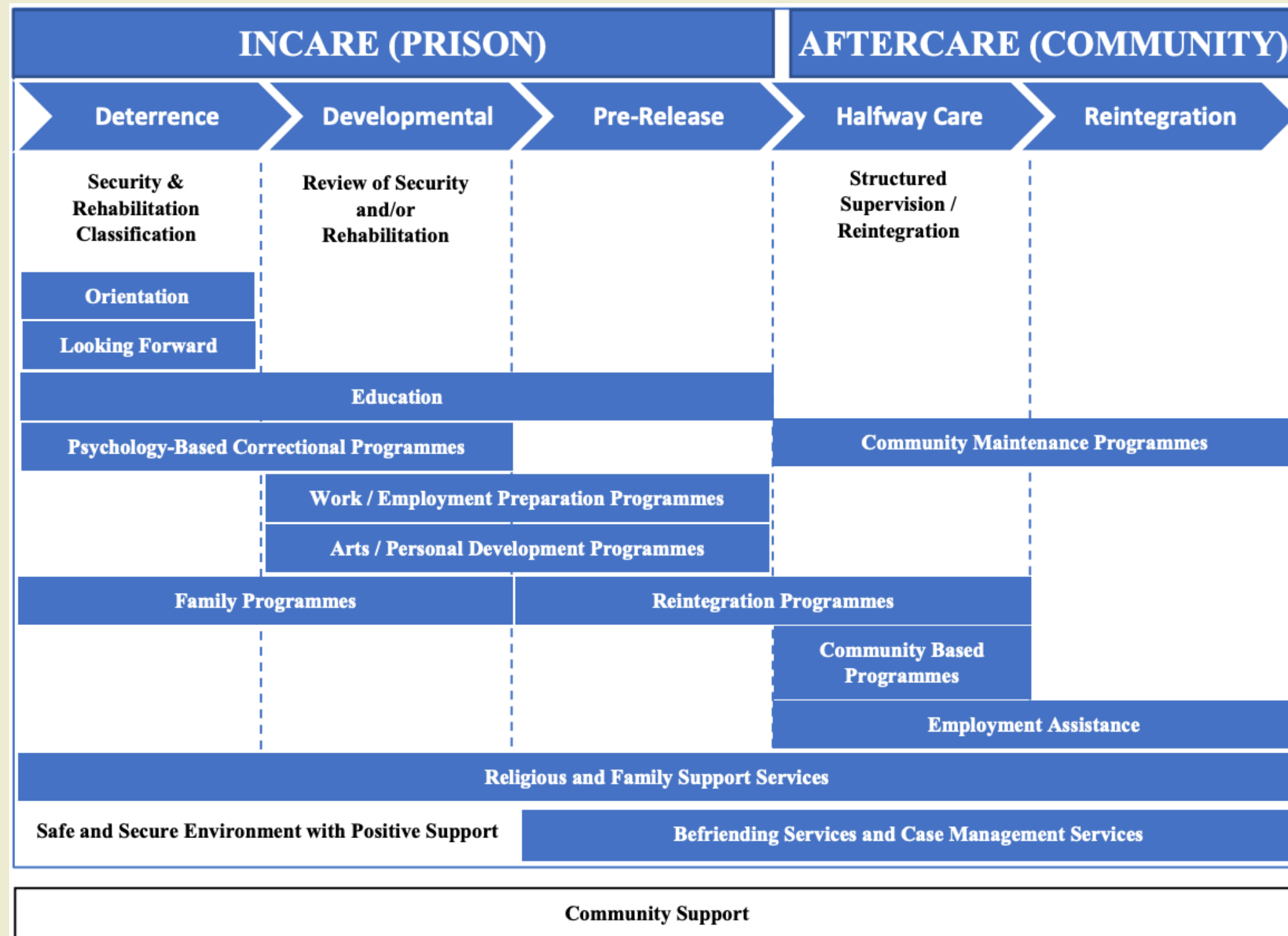


Community

CARE network
- provide call-in / drop-in services



Current support



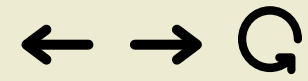


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Possibilities



Sea Hackathon

Possibilities

Free or subsidized courses

Counselling services

Scan different languages.
including Singlish

Train the model to detect signs
of possible re-offending

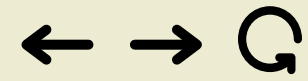


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Success metrics

- % of users who re-offend versus non-users who re-offend (requires significant number of users)
- Letters sent
- Replies sent
- % of non-flagged content
- Improved sentiment



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Studies/others that support our hypothesis

- Ray, Grommon, and Rydberg (2016) - post-incarceration issues include lack of connections
- YRSG believes that "successful desistors [can help] ... motivate other ex-offenders".
-



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Business case

- This app can be government funded.
- Social impact has potential to be high.
-



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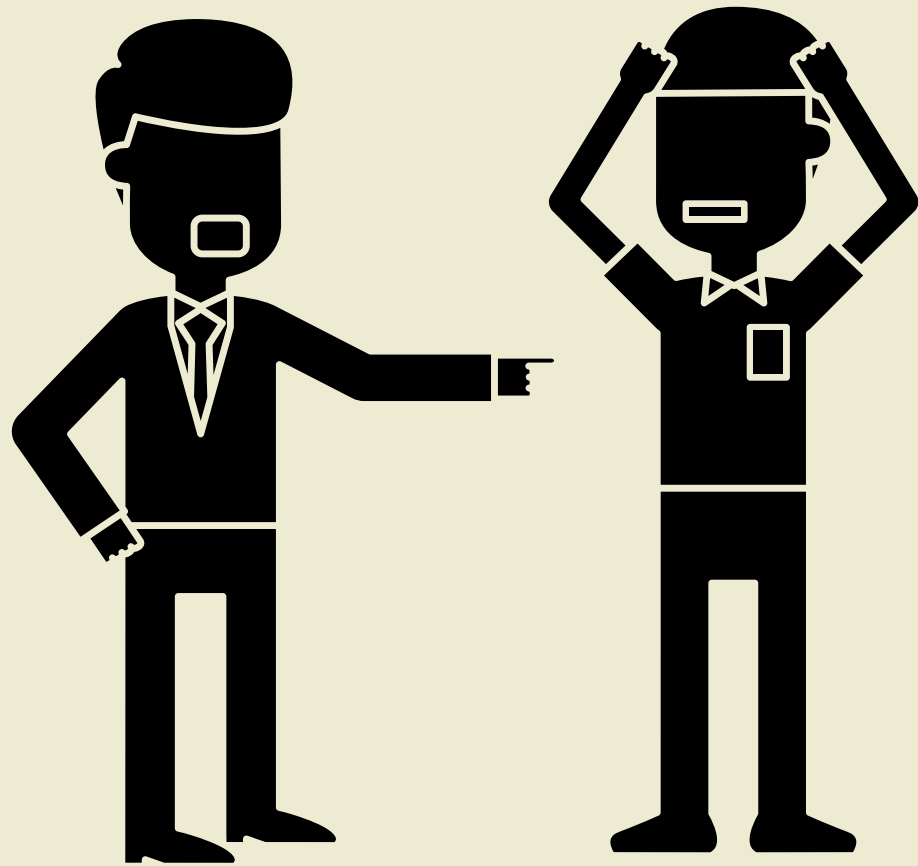
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Problems and risks



- Sharing contact information may impact real life
- Troll-like behavior
- Fear of being judged
- Ethics of monitoring data



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Penpal design

- Meant to be a one-off anonymous message from user to user
- Allows initial letters to be vulnerable
- Doesn't require people who reply to maintain a long term messaging relationship (less pressure)
- Lack of response, publicity, likes de incentivizes trolls



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Intro



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Factors that cause re-offending



Unstable employment



Lack of support



Coping with addiction



The 5 Biggest Challenges in Reducing Recidivism

There are many reasons why a person ends up behind bars. When considering what contributes to...

[TREND Wyoming /](#)