

HEALTH HUB

Presentation by Sovereign

THE PROBLEM



THE SOLUTION

TECHNICAL ARCHITECTURE

COMPLEXITY ANALYSIS

IMPACT

LACK OF ACCESS

Many people don't have credible, confidential, and easy-to-understand sexual health information.

FEAR OF JUDGMENT

Stigma prevents open conversations about sexual health and well-being.

SDG TARGET 3.7

Ensure universal access to sexual and reproductive health-care services, information and education.

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LIVE DEMO

Heart HealthHub

Home Learn Self-Assessment Forum



HealthHub

Welcome to your trusted resource for sexual health education. We're here to provide you with accurate, compassionate, and comprehensive information about safe sex practices, STI prevention, and sexual wellness. Your health and well-being matter.

Learn Safe Practices

Comprehensive guides on safe sex practices, hygiene, and myth-busting facts.

Ask Question

Get instant answers through our chatbot or connect with the community in our forum.

Assess Yourself

Use our self-assessment tool to track your health and wellness journey.



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The image shows two screenshots of a sexual health platform. On the left, the HealthBot AI chatbot interface is displayed. It features a purple header with the HealthBot logo and a white 'X' button. Below the header, there are three purple message bubbles from the bot: 'Hello' (with the subtext 'Hello! I'm HealthBot. I can answer questions about safe sex, contraception, clinics, and more.'), 'Safe sex tips' (with the subtext 'Safe sex means using protection (condoms), getting tested regularly, communicating with partners, and using contraception consistently.'), and 'Contraception'. At the bottom is a purple input field with 'Ask a question...' placeholder text and a pink 'Send' button. On the right, the HealthHub website is shown. It has a light blue header with 'HealthHub' and a navigation bar with 'Home', 'Learn', 'Self-Assessment', and 'Forum'. Below the header are four white cards with rounded corners: 'Safe Sex Practices' (protecting self and partner, using protection consistently, discussing boundaries, practicing hygiene), 'STI Prevention & Testing' (regular testing is vital, knowing status to stop spread, many STIs are symptomless but treatable if caught early), 'Contraception Options' (exploring choices like pills, condoms, IUDs, implants), and 'Finding Clinics' (locating nearby sexual health clinics and healthcare providers). A small speech bubble icon is visible in the bottom right corner of the HealthHub screenshot.

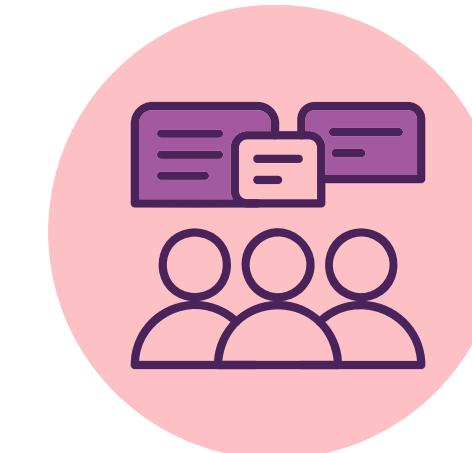
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THE SOLUTION

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IMPACT



The screenshot shows a mobile application interface titled "STI RISK CHECK". The main question is "Have you had unprotected sex recently?". There are two buttons: a green "✓ Yes" button and a red "✗ No" button. Below the buttons is a "← Start Over" link.

The screenshot shows a mobile application interface titled "Community Forum". It features a text input field for "Your name (optional)" and a text area for "Share your story, ask a question, or offer advice...". Below these are "Post" and "Clear All Posts" buttons. A "Most Liked Post" section displays a post from a user asking about where girls get their shots in Manila, with 11 likes and 146 views. Another post from the same user is also shown.

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IMPACT

Feature	Data Structure & Algorithm	Time Complexity
Chatbot	Array of Objects (containing Regex Patterns) and Linear Search	$O(N)$
Self-Assessment	Nested Object (Tree/Graph) and Tree Traversal	$O(H)$
Community Forum	Dynamic Array of Objects, Sorting, and Linear Search	$O(N \log N)$ and $O(N)$
Information Modal	Hash Map / Dictionary and Direct Access / Hashing	$O(1)$

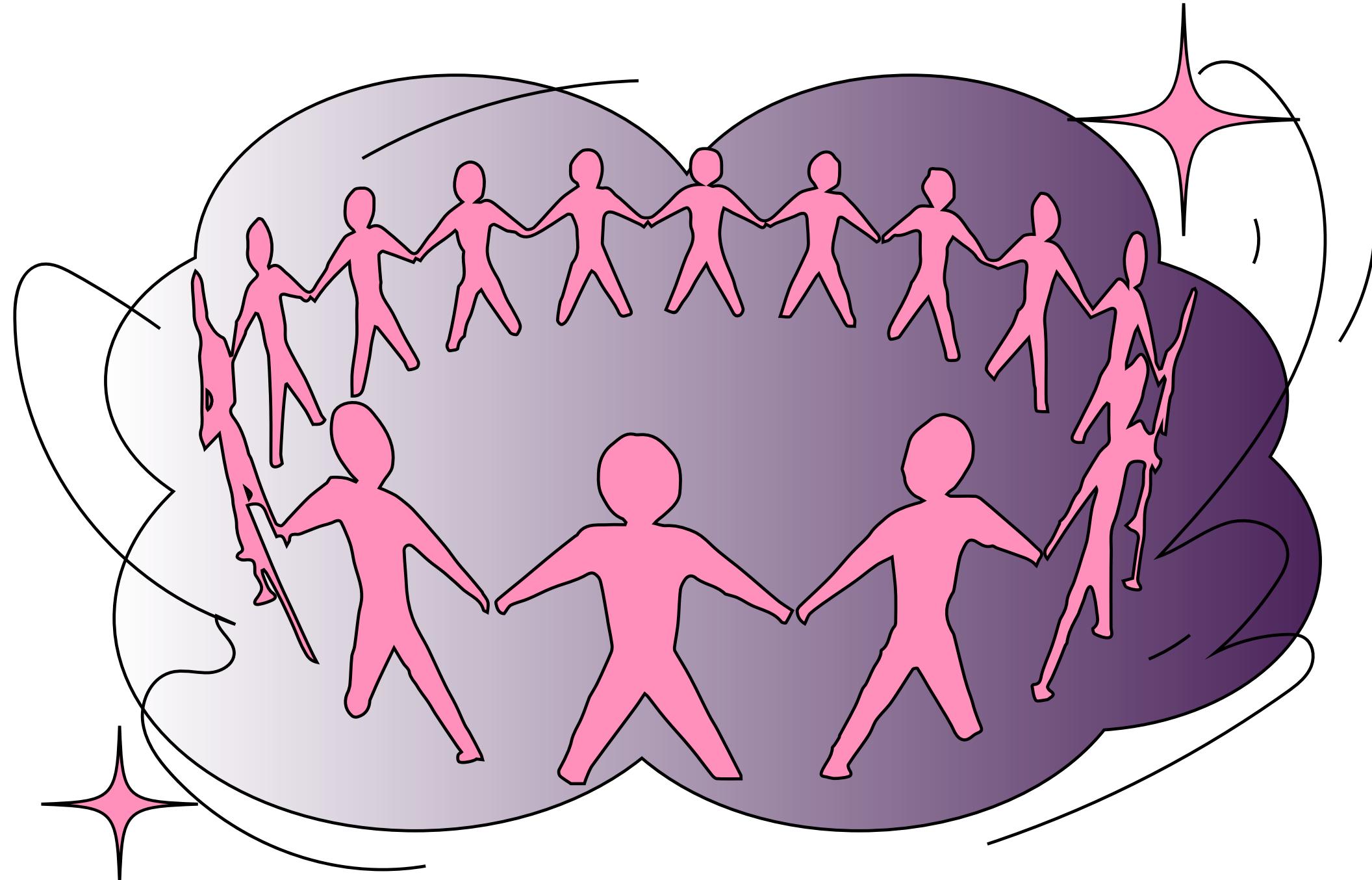
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Creates a judgment-free, anonymous space for users to ask sensitive health questions they might be too afraid to ask in person



THANK YOU!

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