## How can the need for a self-directed sexual and reproductive educational tool be demonstrated in a historical context, and how should this tool be created?

- Historical evidence: Roman medical writings; medieval medical treatises; contemporary scientific, medical, and social research
- Need for erasure of stigma and selfdirected education established via contemporary research
- Evidence for utilization of design thinking principles based on journal articles which express benefits and advantages of this design style for the consumer and entrepreneur

## App Design Utilizing Design Thinking Principles

Empathize	Background given on the current state of sex education as well as sentiments that exist among young women relating to reproductive functions such as shame
Define	Accounts of the history of sex education in the U.S., research on specific gaps in young women's reproductive knowledge
Ideate	App development and design thinking sources, potential solutions by researchers
Prototype	Analysis of choices and reasoning used in "Trota" storyboard
Test	N/A

Self-Directed Sexual and
Reproductive Health Education: A
Demonstration of the Need for
Intervention Based on Historical
Precedent of Shame,
Misinformation, and Concealment



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Advised by

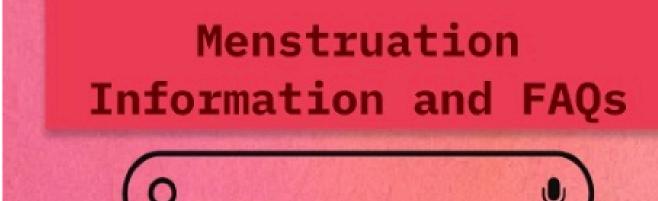
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## Conclusions

- Themes of women sharing and educating other women exist in historical sources analyzed; "Trota" app continues that tradition via community health tabs
- Inadequate sexual education from parents and schools creates the need for outside resources for young women
- Young women view their bodies as abnormal, resulting in feelings of isolation and reluctance to ask questions
- Persistence of sexual and reproductive taboos in the U.S. leads to health consequences
- Human-centered design is essential for the best possible product creation
- Overwhelming need for sexual health resources for young women, specifically self-directed educational tools.

Is my period "normal"?



Is my period "normal"?

How can I manage my menstrual cycle?

Why do I have a period?

Community Health Topics

no such thing period! In fact, ved that out of a omen none of them lues that were th what medical they should be. omen from the feelings that vere "abnormal" The same can be age at which their first Le. The average old, but there range at which eir first period. reported women sed about their got their first when it fell very average. Overall, el that their normal" in some eality everyone's rent and there niversal