

News and Notification

Google news feed on tags related to sexual disease could be provided on the awareness page. Generic STD news from CDC can be added (<https://www.cdc.gov/std/news.htm>). Can embed some CDC links.

<https://stackoverflow.com/questions/51537063/url-format-for-google-news-rss-feed>

Web notification for latest news

Our STD list:

1. Bacterial Vaginosis
2. Chlamydia
3. Gonorrhea
4. Genital Herpes
5. HIV/AIDS
6. HPV
7. PID
8. Syphilis
9. Congenital Syphilis
10. Trichomoniasis

<Good to have>

1. CDC videos on STD could be embedded within the site.
2. Tailor news and notification for user with history.
3. Email notification for news if sign up implemented.

Suggestion and Treatment

Use questionnaire to help user identify possible diseases (<https://www.cdc.gov/std/tg2015/screening-recommendations.htm>). The diseases should have links to an info/treatment page. (link to CDC related page or <our own pages for diseases>)

Should have a field linking to booking page upon returned test result.

Booking

A list of doctors (nearby user zipcode) can be shown. Once a doctor is selected user may click "Compose message". User can be guided to write the appointment request to the doctor office, our system can glean email address of doctor and when user

finalizes his email to doctor office, it can be send. A template email can be generated (populated with user name, contact no, desired time, day(chose at least 2 etc), intend from awareness, and send to the desired practitioner.

We will make up some synthetic doctor information for our demo purpose since there is not enough practitioners FHIR data available.

User can put in their email address before sending. <Or we can put email address if we implement sign in function.>

Third party booking system can be added as additional tool:
https://gettested.cdc.gov/search_results

<Sign in/ sign up> - this function is good to have

Use email and password. Store following information: Name*, Gender*, Age*, email*, phone number, country, zip code, FHIR Id, <history of interested STDs from new, awareness and booking> etc

User can sign in at anytime. But it's required if user want to book an appointment.

<Good to have>

1. Check strength of password
2. Password is encrypted using SHA
3. Forgot password functionality
4. Remember me: While sign-in is done, user may check remember me checkbox. We might have to store a cookie to enable this.