

Contact Application

App Description

I am looking to develop an R Shiny application that will allow users to login with a gmail account and send emails to 1 or more contacts simultaneously. Ideally, this app uses modules to allow it to be incorporated into a larger app and to re-use components down the road.

User Requirements

1. Ability for anyone with to login to the application using a Google Account and authorize the app to read/write/delete Gmails.
2. Ability to view a data table of contact first name, last name, email
 1. The contacts can be a local CSV file in /www
3. Ability to write a rich text/Markdown email that uses variables to personalize emails e.g. Hello {{first name}}!
4. Ability to select 1 or more contacts from the data table who will receive the email
5. Ability to send the email via the users Gmail account
6. Ability to view a data table of previous emails sent
 1. The email history can be a local CSV file in /www

References

Auth Flow & Scopes - <https://myint.github.io/post/shiny-app-with-google-login/>

Email Editing - <https://github.com/trestletech/shinyAce#03-knitr>

Gmail - <https://github.com/r-lib/gmailr>, <https://github.com/jennybc/send-email-with-r>

