

## ReadMe

To run the app, clone this repo: <https://github.com/cgaona1/La-Leche> on your local computer. After cloning the repo, open a terminal and get into the La-leche folder, install the dependencies, and set up the .env file listed in the bullet points right below this paragraph. After doing that go into the terminal and cd into the website folder (The location will be "La-Leche/website"). Then type "python manage.py runserver", this will start the app. If the web application does not want to run on your computer, it can be viewed through this link: <https://omoo13.pythonanywhere.com/> .

- Dependencies( install them for app to work correctly )
    - pip install django-q
    - pip install django-enviro
    - Pip install django-sendgrid-v5
  - A .env file is needed as well which include the email credentials for getting the email functionality to work. (The environment variables can be left blank if the email functionality is not going to be tested)
    - For the file location go to La-Leche/website/website and add the .env file there.
    - Paste these variables into the .env file  
EMAIL\_HOST='smtp.sendgrid.net'  
EMAIL\_HOST\_USER='apikey'  
EMAIL\_HOST\_PASSWORD=""
    - Then to run the email task server, open a separate terminal that is different from the main terminal that will run the server application and go to this directory, La-Leche/website. Then run the command "python manage.py qcluster".
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- Documentation( Tutorial video )
  - <https://www.youtube.com/watch?v=EKDLsljA9oQ>
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- Testing
  - Validation testing
    - We checked with the sponsor on the functionality they needed. We had login and logout for the sponsor. There was an add delete update item. There was a contact page for customers to check the store hours, and store address and store number. There is a notification page for the owner to set reminders. The web app is also made so it is mobile use friendly.
  - Functionality testing

- Add item - working
  - Delete item - working
  - Update item - working
  - Login - working
  - Logout - working
  - Search item - working
  - Reminder notification - partly working ( works on local machine but not on python anywhere web host)
  - Display items when added - working
  - Buttons for navigating to different pages for customer and owner-working
- Usability testing
  - 10 different subjects were all able to use the app. The app could also be used through mobile phones.
- List of Functionality
  - Add item
  - Delete item
  - Update item
  - Login
  - Logout
  - Search item
  - Reminder notification
  - Display items when added
  - Buttons for navigating to different pages for customer and owner
  - To use owner features ( username: karenstore32, password: shrek12)