What does the application do?

The application is a ToDo-List website where users should be able to do the following:

Our main goals to create/program is:

- Register a user
- Login
- View dashboard (the "main" page)
  - Add new ToDo
    - ToDo's contain information:
      - The task needed to be done
      - Completed/Not completed
      - Time/Date to be completed within
      - Priority
  - Edit/update ToDo
  - Delete ToDo
- Add ToDo into folders/categories
  - Create folders for different types of tasks/ToDo's
    - f.ex: Work related, school related, shopping list
    - Be able to add new custom categories
- Sort ToDo's by (also store sort by sessions):
  - Date added
  - Alphabetically (A-Z, Z-A)
  - By category
  - By priority
  - Date needed to be done within
- View Profile
  - Change profile details (profile picture etc.)
- About us page – just for formality

Then if we have the time and manage to do some of these:

- Timer to do a task (pomodoro method)
- Graph of how well you have been at completing tasks the last month or so
- Rewards or points based on how many tasks you have done/Smiley or sad face based on how many tasks you have left to do
- Make some kind of algorithm based on what task should be done first – maybe based on boringness; (Procrastinating problem)
- Notification by email if you haven't done a task that's time-based
- Connect ToDo's to a calendar
- Can change color/theme on your own profile (saved for future logins)

What data is stored in files/database?

The data will be stored in an SQLite database. The data will be the following:

- User details
    - Name, Password, Email, Profile Picture,
- ToDo's
    - Dependent on which user is logged in
        - Task, date, completed/not completed task, priority
- Categories for ToDo's
    - Categories name
        - Can create your own customised categories

An initial layout for our page (will most certainty change a bit):

This will be the first page you see when you enter the site:

This is a very amateur-looking picture of how we want the main page, the dashboard, to look like.
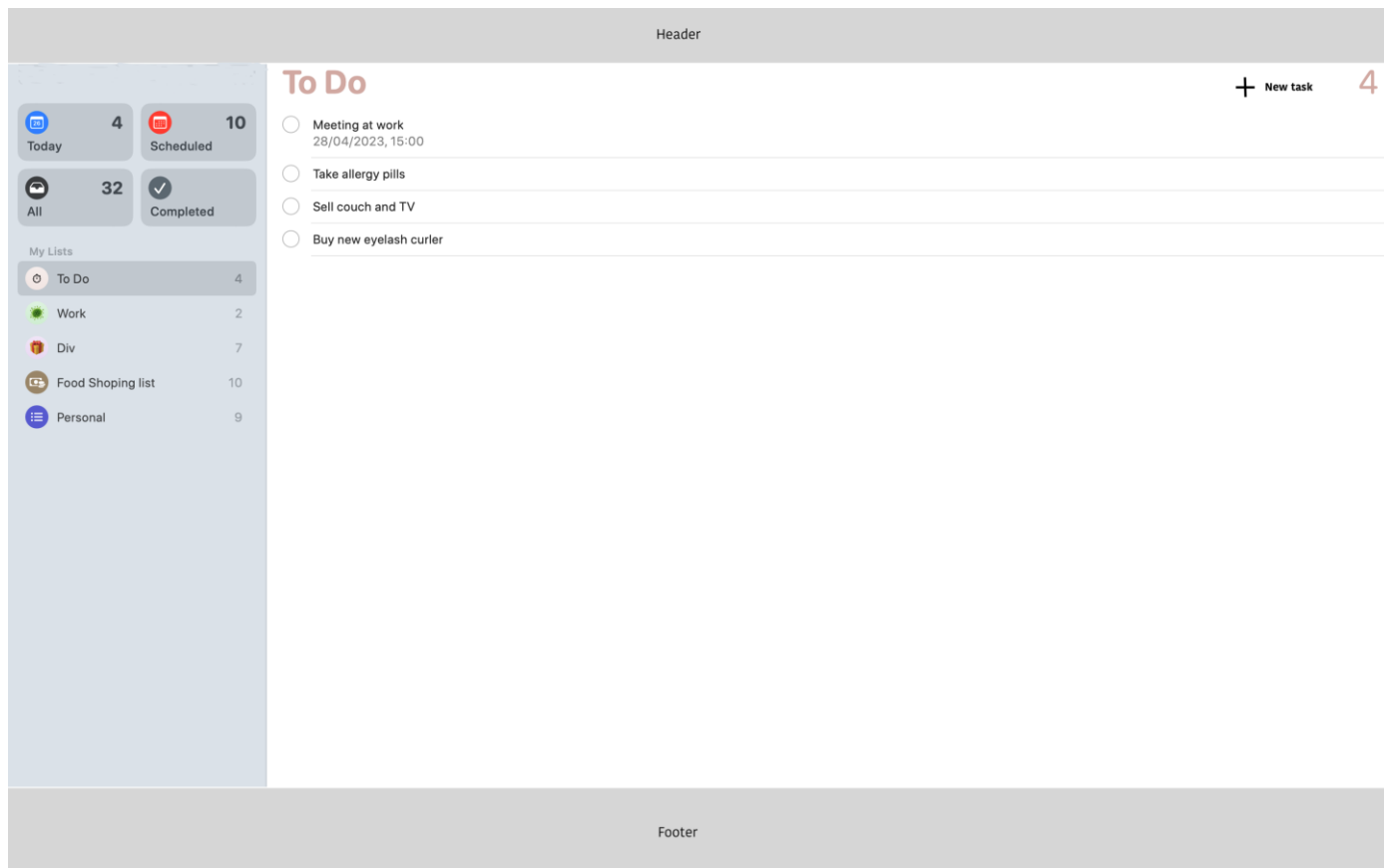
We also plan on having a separate page for registering a user, but didnt mind to make a page layout as it will be quite similar to the login-page.