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Our app will allow employees of Compost Cats to enter data about the composting process- inputs, outputs, windrows, etc. This data will be updated and outputted to a summary page, where they will be able to view important information organized in a way to help with decision-making, including the current conditions of the windrows, inventory information, and contamination levels.

After creating an account and logging in (with a backend that securely verifies the login is correct using Bcrypt), the user will reach a page to enter in data regarding compost data. This data will then be stored on the backend using csv files. Once the user has entered in data, the user will have the option of viewing a version of the data on the frontend.

Requests to server and data stored: The server will have a register post endpoint and a login post endpoint that access and save information to a text file on the server with user login information. There will be a post compost data endpoint that will append additional compost data onto the csv that stores the compost information. There will be a get endpoint for the summary page of the compost information.