3. We didn’t have an DeNormalization efforts.

4.

Our software works by allowing a user to see all of their requests, offers made, and disasters that they’ve volunteered to on their dashboard when they first log in. This is done via simple matching from the User table to our Disasters and/or Possible Goods tables. A user is able to search for disasters, available donations, and other users via the search page. This is done by executing a search-all statement, and returning the results. When a person donates to a disaster, the requirement of whichever item is decreased by the donation amount. In the result of an over-commit, that amount will be remain on the available offers page. A person is also able to edit their profile. The code is just a simple update statement with the UserId getting the correct row, and the replace keyword changing the info in the correct column.