**Project Description:**

I am a partner in a food processing facility, we are working on getting BRC certified. This certification requires lots of documentation covering all aspects of the business. I chose for this project to take a small portion for the manual documentation that we do and automate it.

**Business overviews:**

Our main operation is packing whole dates into tubs, we also grind dry pitted dates into powder and pack it bulk, repack bulk date syrup in bottles, grind pitted soft dates into paste and pack it bulk.

**Product Traceability:**

The purpose is to establish procedures and responsibilities to ensure all raw material lots and finished products and their ingredients are traceable from their supplier through all stages and to the customer and vice versa, in order to locate specific products that may compromise food quality, safety, legality or authenticity.

**Required Tables (Models):**

User, Workers, Customer, Supplier, Trucking, Incoming product, and Finished product table.

**Github Repo:** <https://github.com/oassami/BRC_Docs.git>

All required bullets in the Overview in the Wireframes module on the learning platform are met.

**Required**

* Log and Reg with validations
* User can [create] object to database
* User can [read] or view objects retrieved from database
* User may like, favorite, rsvp etc. [many-to-many]
* Use of Django Templating engine (loop to render db data, conditional rendering)
* User may [edit] profile or posted data
* User may [delete] profile or posted data
* Application includes protected route (user must be in session to view)
* Application features static content (CSS, images, JS)
* Created data must be validated (events cannot be in the past, wall posts must include content, no duplicate data, etc)

**Bonus**

* Application is responsive
* Application is publicly deployed
* File Upload
* Application features an API