Assignment 2

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Submitted To:

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*Walton wants to build a food freshness checking app for refrigerators. Identify functional and non-functional requirements of it.*

Functional Requirements:

* Application will let user login using their unique username and password
* Application will track of daily new foods which is stored in the fridge
* Application will let user to update the fridge database
* Application will detect and track any order
* Application will give invoice to users
* Application will detect any rotten foods
* Application will give notification to user of food more than a week

Non-functional requirements:

* Application will show inner temperature to the user
* Application will show load shedding duration
* Application will show compression values
* Application will give user to access Fridge database
* Application will be responsive in all user interface
* Application will be connected through OTP sent by Walton
* Application will be update in every 10 minutes
* Application will work only for Walton Fridge

*BRACU has a “lost and found” unit in building 2. Now they want to build a Lost and Found app for students. Identify functional and non-functional requirements of it.*

Functional Requirements:

* Application will enable the student login with their ID and Pin
* Application will have a two-factor authentication
* Application will have a search options for their lost items
* Application will track if any lost items have been reached to respective owner
* Application will ask the students to contact with “lost and found” unit when they lost or found any item
* Student should be able to enter description of lost item

Non-functional requirements:

* Application will be responsive in all user interface
* Every Students of BRAC University should have a unique id and password
* Students can see lost item name in Application Interface
* Application will have better performance, security testing, usability
* Student can update or delete application
* Application will have contact information of “lost and found” unit