

CSE471 Assignment 2

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Section: 06

1. Food freshness checking app for Walton refrigerators

Functional Requirement:

1. Every item should be categorized as vegetables, drinks, meat, etc.
2. The app should have an authentication process for admin and users.
3. Users and admin can browse through to find their desire product.
4. Admin can add new items, update inventory.
5. Users should be able to leave comments and reviews on a product.

Non-Functional Requirement:

1. App server should run smoothly.
2. Connection latency should be less than 10s.
3. Only admin can edit or access info on the app.
4. It should have an easy payment gateway system for users.
5. The app must be responsive and compatible with all kinds of devices.
6. It should have food ministry and health organization approval.

2. Lost and Found app for BRACU students

Functional Requirement:

1. The app should have a secure authentication process.
2. Contain details of lost items.
3. Lost items should have a date, time, and location of when it lost.
4. Admin can update stats of lost or found products.
5. Users can search for lost products and request them.
6. Admin can accept or deny any request based on user response.
7. Verify items before giving them to the user.

Non-Functional Requirement:

1. The app must be responsive and compatible with all kinds of devices.
2. Secure authentication so that only BRACU people can access is app.
3. Regularly update the app.
4. Follow the BRACU rule and regulation.