Answer to the Question No:-01

The functional and non-functional requirements of a Walton's food freshness checking app are given below:-

Functional requirements:-

- User can see the freshness level of items stored in the refrigerator.
- User can see and modify the temperature of the refrigerator.
- The system will 'Note' in user's device when products were purchased.
- The system will notify the user about the set expire dates.
- The system will show the storage for the refrigerator.

Non functional

Operational

- The system should be aviable for all the operating systems.

- The interface will be simple & informative.

- The system will directly interface with Walton's refrigerator.

Performance

- The system should not lag on any system.

Security

- The user's personal data on the system must be encrypted.

- Counter measures should be taken so that regular user's don't get admin access. (For temprate management)

Cultural and Political

- The system will conform to all Data protection laws.

Answer to the Question No:-02

The functional requirements for BRACU's lost and found app are given below:-

Functional requirements:-

- The system will show the location of the lost and found center to the user;
- The system should have different sections for lost items,
- The system will ~~renes~~ refresh everytime, when a new item added / removed.
- The system should allow users to select multiple items.
- There must be a appoinment system for taking those things.

The non-functional requirements for BRACU's lost and found app are given below:-

Operational

- The system should be ~~avia~~ available for all platforms.
- There should be a web version of the application.
- Interface should be well informative & simple.

Performance

- The system should have a support staff of 3-4 people on standby.
- The system will be always connected to the university server.

Security

- User's personal data should be encrypted.
- The system servers should be kept secure from any kind of tampering.

cultural and political.

- The system will conform to all Data protection laws.