



Date: 12/18/2021

Saylani Mass IT Training Program

Web & Mobile App Final Hackathon

Project Name: KHANA SAB K LIAY

Time: 9 AM to 9 PM

Technologies: React, React Native and Firebase

Objective: Develop an application to automate the food distribution process among needy people and manage the system from branch managers and head office.

Brief Description: KSL app will consist of 1 mobile application for needy people and branch managers and 1 web admin for head office.

1. Needy people will submit an application for monthly or daily food from the KSL mobile application.
2. Head office will approve or reject the application. If the application request is approved, the user will be given a card soft copy in his mobile app with QR code and a serial number.
3. Branch Manager will verify his approved request either via serial number or QR code.

Detailed Description:

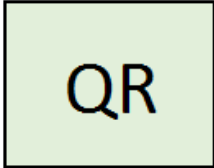
Mobile Application:

1. Public User

- Public user can sign up or sign in via email and password and use the forget password feature if he needs.
- Apply for food help with following steps:
 - Show all Food Banks on google map and select the users nearest Food Bank using google map and current location. (Food banks latitude and longitudes will be provided.)
 - Enter Name, Father Name, CNIC number, Date of Birth and number of family members.
 - Select the help category from drop down. (Monthly Ration, Daily 1,2 or 3 times food)
 - Upload applicant image
 - Upload applicant CNIC front and back images.
 - Enter monthly income.

- After application submission it will remain pending till approval from head office.
- After application approval, user will be shown an approval card along serial number and QR code (of same serial number) as following in the app:

KHANA SAB K LIAY	
Name:	
Father Name:	
CNIC No:	
Contact No:	
Date of Issue:	
Date of Expiry:	
Food Bank Branch Name:	
Saylani Gulshan Campus, Near Mumtaz	
Mobile Mall Gulshan Chowrangi Karachi	

<div style="text-align: center;">  <p>QR</p> </div> <p>S.NO: _____</p> <p>_____</p> <p>Authorized Signature</p>

2. Branch Manager

- Branch managers cannot sign up. Branch manager credentials will be created from web admin from head office and can only login in mobile application.
- After login branch manager will have 2 options:
 - Verify from serial number.
Enter approved card serial number and check in DB if he has authentic approved card and other details are correct or not.
 - Verify from QR code.
Scan QR code from approved card and check in DB if he has authentic approved card and details are correct or not.

Web Admin:

1. Head Office

- Head office staff cannot sign up. It's details will be registered in DB hard coded manually and this user can only login in web admin and not on mobile app.
- **Request Tab:** This tab will list all the pending requests and it's all details. Admin will approve or reject on the basis of the application information provided and verifying the user via his CNIC.
- **Approved and Rejected Request:** This tab will list all the approved or rejected requests
- Admin can accept / reject and delete food help requests.
- Admin can search requests by entering CNIC numbers. 2 approved requests with 1 CNIC is not allowed.
- **Branch Manager Tab:** Admin can create new Branch Manager credentials i.e. email and passwords for branch managers to login on mobile app to verify

approved requests and change passwords if a branch manager forgets his password and requests admin to reset it.

