Software Used:

1. Android Studio

2. Adobe XD

3. Adobe Photoshop

Version Information:

- **Android Studio:**
  Android Studio 4.0.1 (Build #AI-193.6911.18.40.6626763,
  built on June 25, 2020)
  Runtime Version: 1.8.0_242-release-1644-b01 amd64
  VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o

- **Adobe XD:**
  Version: 31.0.12.23

- **Adobe Photoshop:**
  Version: 21.2.1 (20200716.r.265)
  64-bit

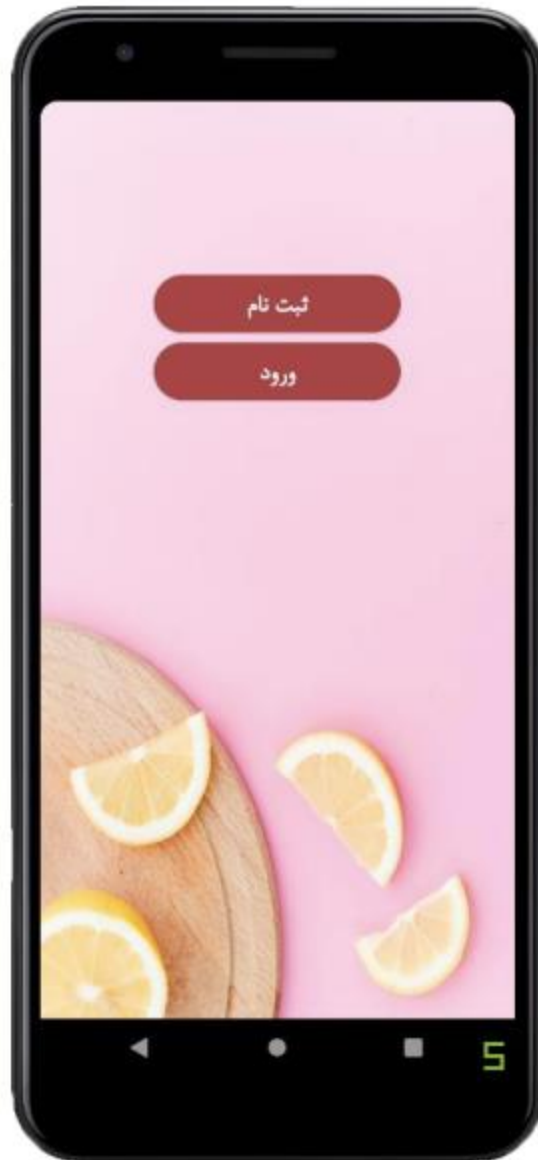**Operating System:**

Windows 10 64-bit
Version 10.0.19041.292

Splash Screen:

The first page displays the application name and logo for 3 seconds, after which it transitions to the next page.

Login and Registration Screen:

This page allows users to log in or sign up for the application.

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Registration Form Validation:

On the registration screen, users are required to input their mobile number. If the phone number is incomplete (less than 10 digits), an error message saying "Invalid phone number" will be displayed. Once the correct number is entered, the system will prevent additional input.
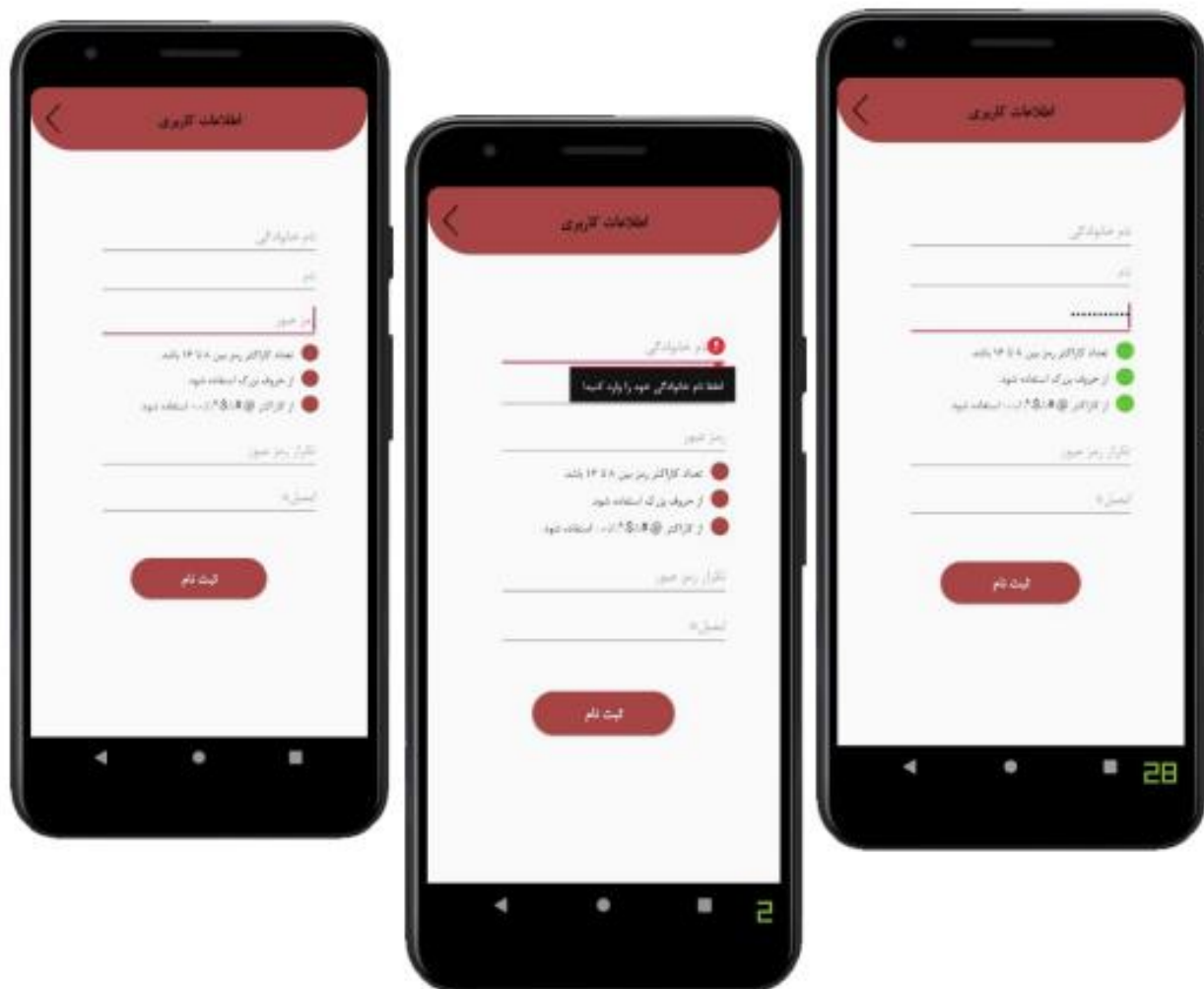
OTP Verification:

After the phone number is entered, a one-time password (OTP) is sent to the mobile number. The user can proceed by entering the OTP and clicking "Login" to move to the user information page. If the user clicks "Cancel," they will return to the registration page, and clicking "Resend OTP" will send the code again.
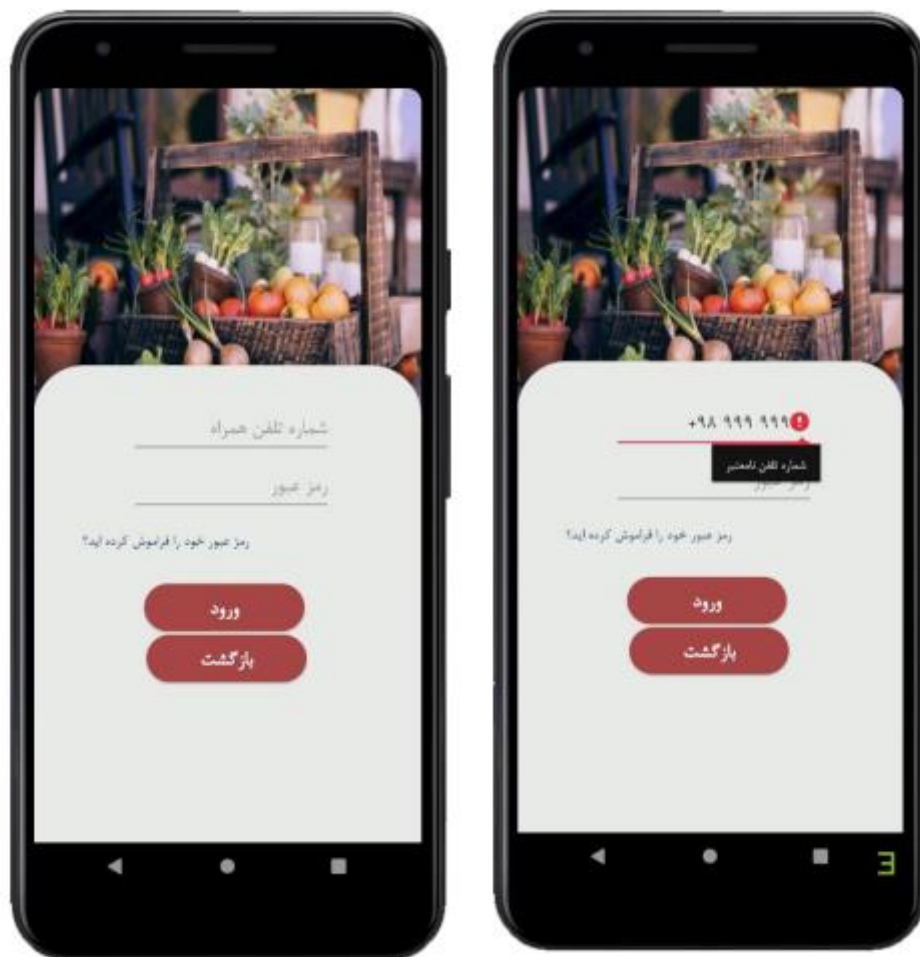
User Information Page:

On this page, the user must provide their first name, last name, password, repeat password, and optionally their email. Fields marked with * are required, and each incomplete field will show an appropriate error message. The password must meet three criteria, each turning a red indicator to green when satisfied. If the password and repeat password fields don't match, the message "Passwords do not match!" will appear. For the email field, it must contain "@" and "com.". Once all fields are correctly filled, the user can click "Register" to proceed to the login page.
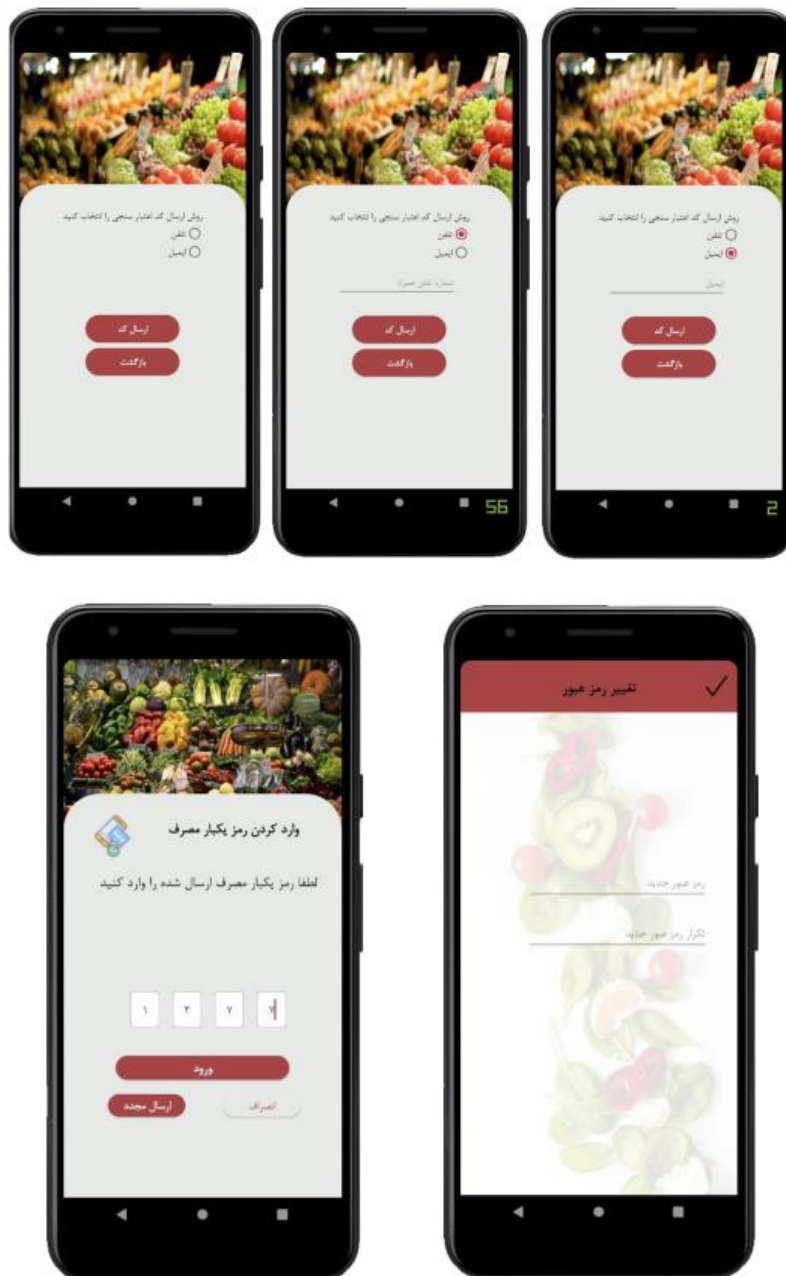
Login Page:

The login page consists of three fields: "Mobile Number," "Password," and "Forgot Password?". If the mobile number is entered incorrectly, an "Invalid phone number" message will be shown. Clicking "Forgot Password?" will redirect the user to reset their password.
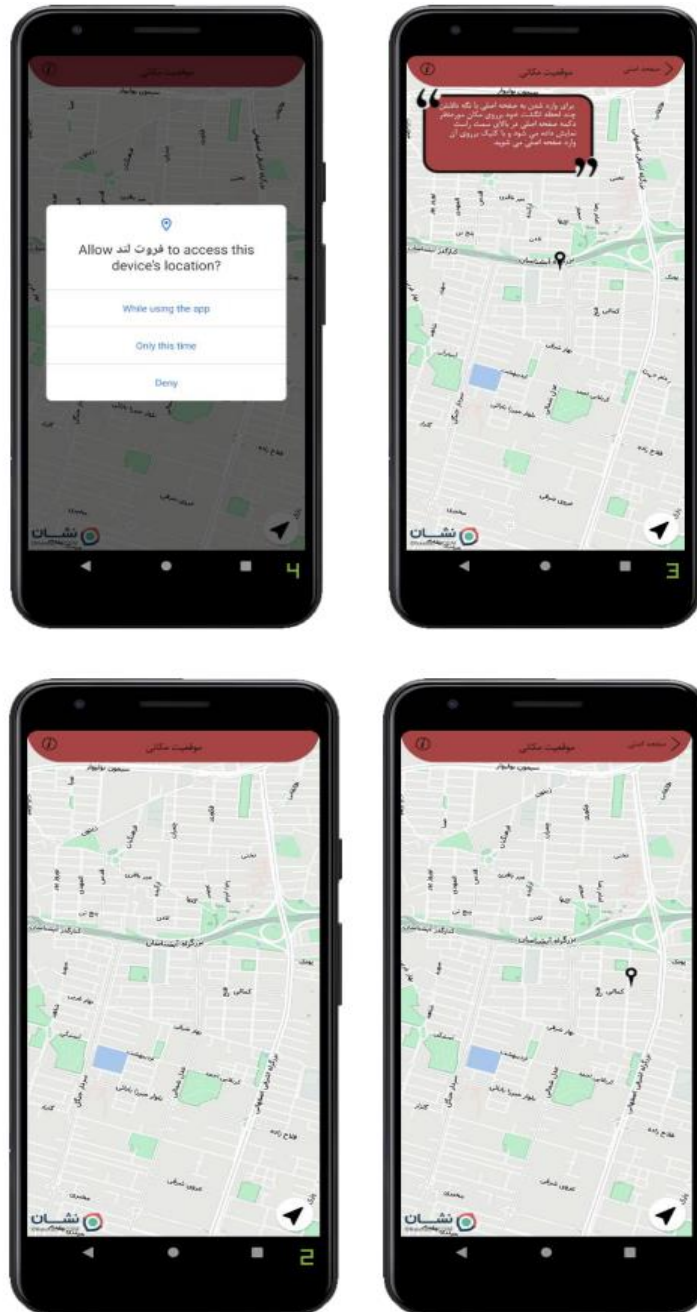
Forgot Password Page:

In the "Forgot Password?" screen, the email field must contain "@" and "com.". If the phone number is entered incorrectly, an "Invalid phone number" message will appear. Once the correct number is entered, no further input will be allowed. Clicking "Back" will return the user to the login page and clicking "Send Code" will send an OTP to the mobile number. After entering the code, the user can reset their password by entering and confirming the new password. Clicking the button in the top-right corner will save the new password.

Map Page:

This page requests the user's permission to access their location. The app needs an internet connection to detect the user's position on the map. A guide on setting the location is shown for 8 seconds before closing automatically. If the map marker is placed, the "Home" button will appear in the top-right corner. Otherwise, the "Home" button remains inactive, and the user can mark their current location using the location icon in the bottom-right corner.
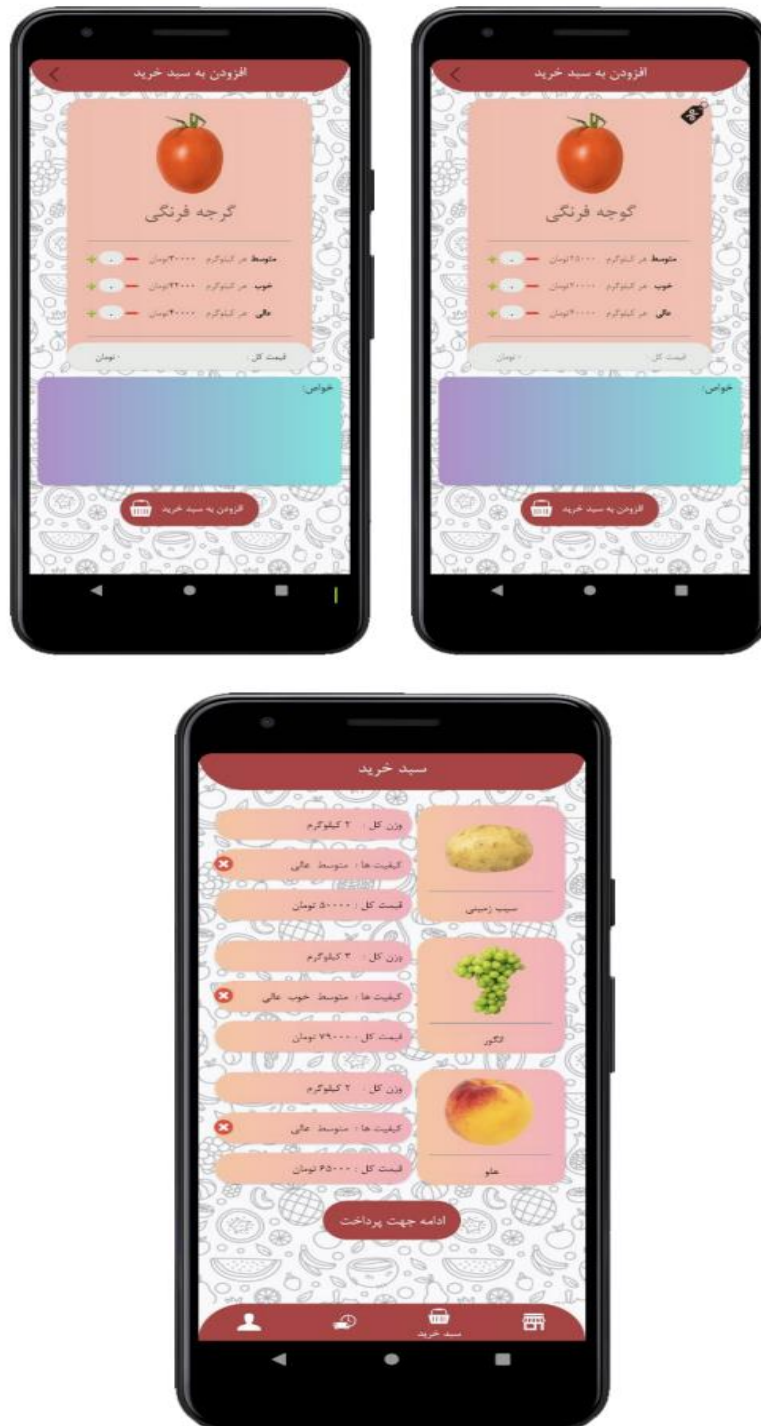
Home Page:

The home screen has two sections: "Vegetables" and "Fruits." Clicking on either will navigate to the respective section. Below is a view pager that functions as a banner displaying fruit images or advertisements. Additionally, two sections display special discounts for fruits and vegetables, with a discount icon indicating the reduced price of a product.

In the fruit section, products are categorized into three qualities: "Average," "Good," and "Excellent," each with different prices per kilogram. Clicking the green "+" button increases the quantity, updating the total price. There is also a field explaining the benefits of each fruit. On the left side, products with discounts are displayed, with price changes only in the per-kilogram field.
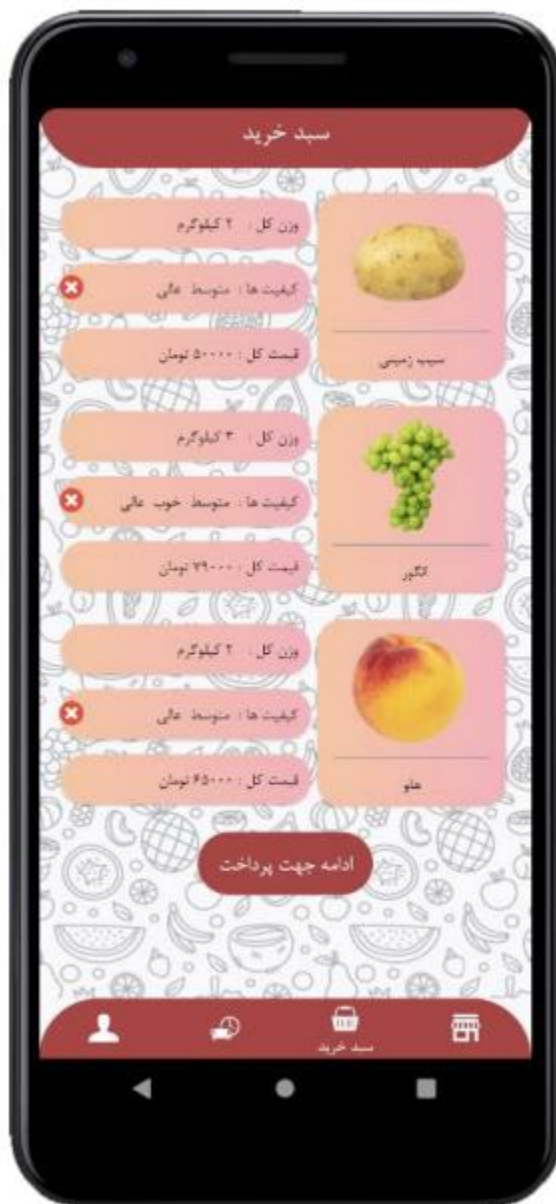
In the vegetable section, products are similarly divided into three qualities: "Average," "Good," and "Excellent." Prices vary per kilogram, and clicking the green "+" button increases the quantity, updating the total price. A field explains the benefits of the vegetables, and on the left side, discounted products are displayed with only the price per kilogram being different.
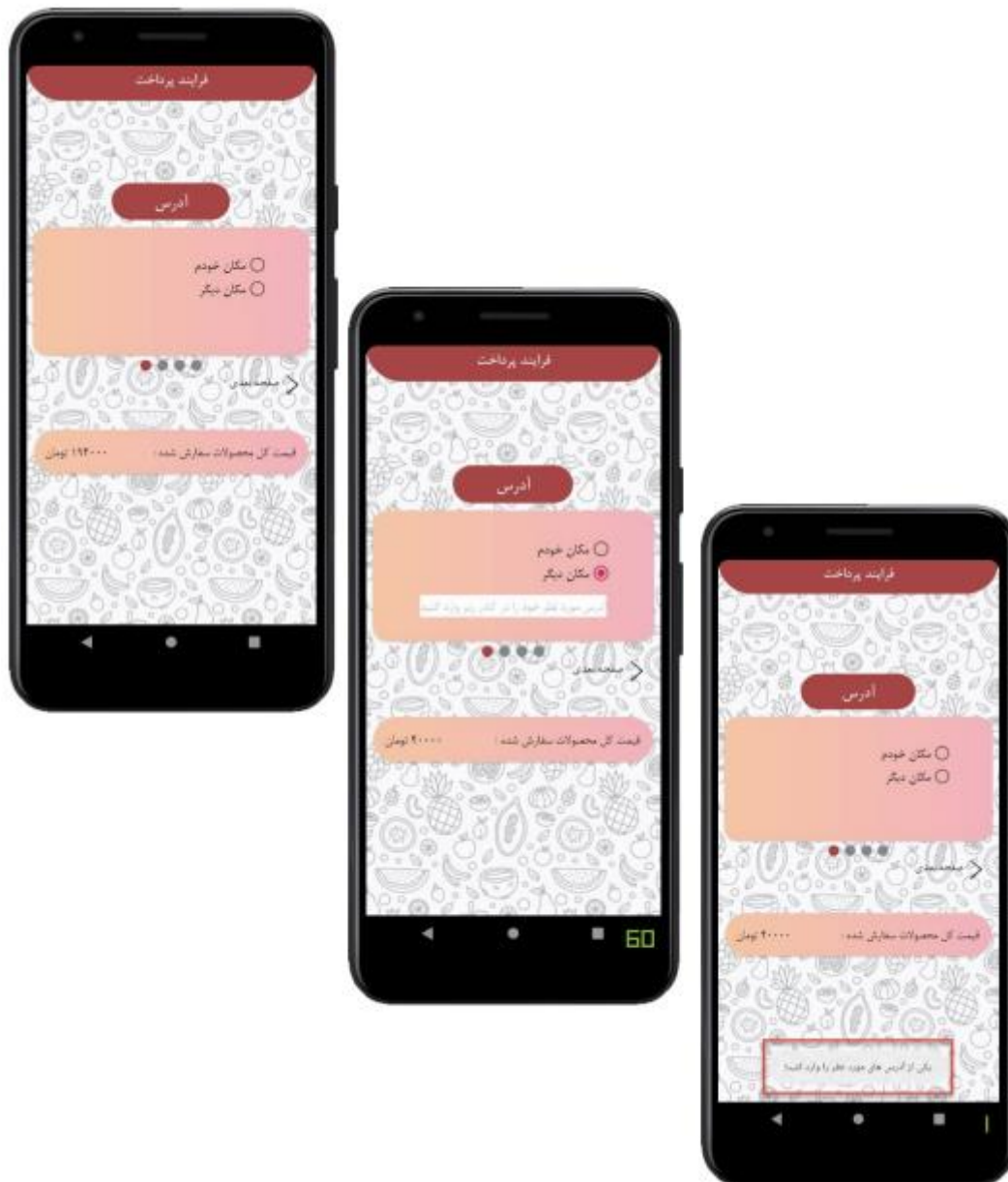
Shopping Cart Page:

This page shows the selected products with their quality and total price. Clicking "Continue to Payment" begins the payment process.

Address Selection:

Clicking "My Location" selects the user's previously saved address. Clicking "Another Location" opens a field for entering a new address. Below, the total price of the order is displayed. If neither option is selected, an error message "Please select one of the addresses!" will appear.
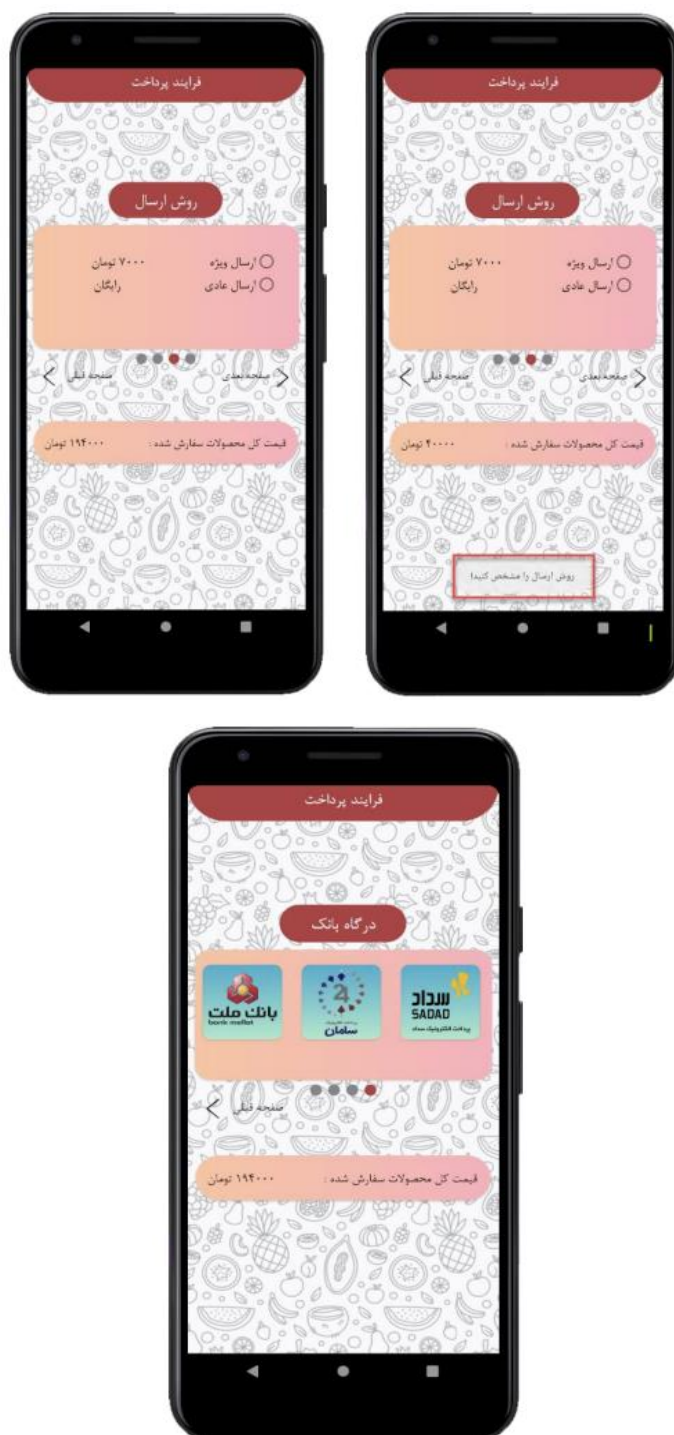
Clicking "Next" moves to the second part of the payment process, where the user specifies the delivery date and time. If any field is left empty, an error message "Please specify the delivery time!" will be shown.

Delivery Options:

The third part of the payment process offers two options: express delivery for orders over 25 kg or regular delivery. If no option is selected, an error message "Please select a delivery method!" will appear. Clicking "Next" moves to the final part of the payment process, where users can choose a payment gateway.

Order Tracking Page:

This page generates a random 9-digit order code for tracking the order status. There are four stages for the order, which start as gray and turn green as the order progresses. If the user orders multiple products, each product will have its unique tracking code.

Order History Page:

This page displays past orders with details like date, time, total price, and order code. Clicking on an order shows more information, including the weight, quality, and total price of the products.

User Profile:

The user can select a profile picture from their mobile gallery by clicking "Change Profile Picture." Clicking "Logout" will log the user out of the app.

The left side shows options for changing user details, and the right side allows users to change their password.