Bilkent University

Department of Computer Engineering

Senior Design Project

InPackt

User Manual

May 6, 2022

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This report is submitted to the Department of Computer Engineering of Bilkent University in partial fulfillment of the requirements of the Senior Design Project course CS491/2.

Table of Contents

1. Installation

Download the zip file that we have uploaded to moodle. Review the permissions before taping the APK. Tap the APK. This will immediately open the installer for the app. Tap "Install" to install the app. The app will automatically install, and an icon for it will be added to your Home screen.

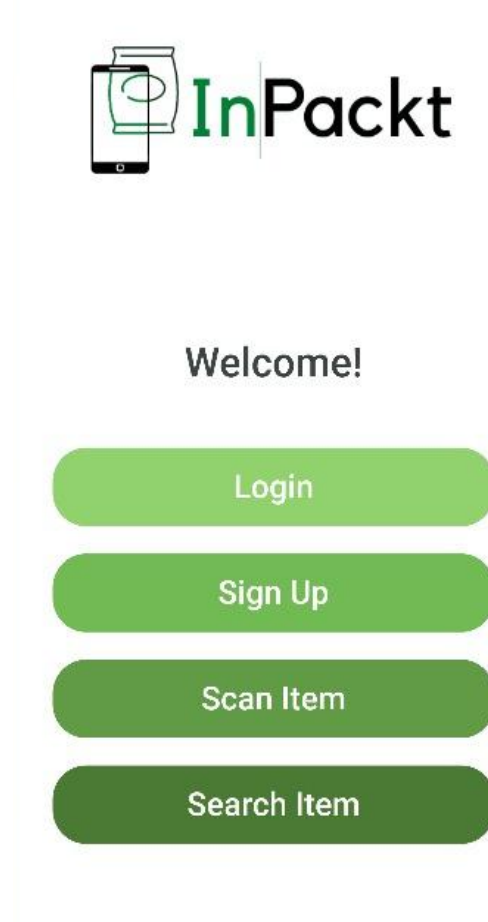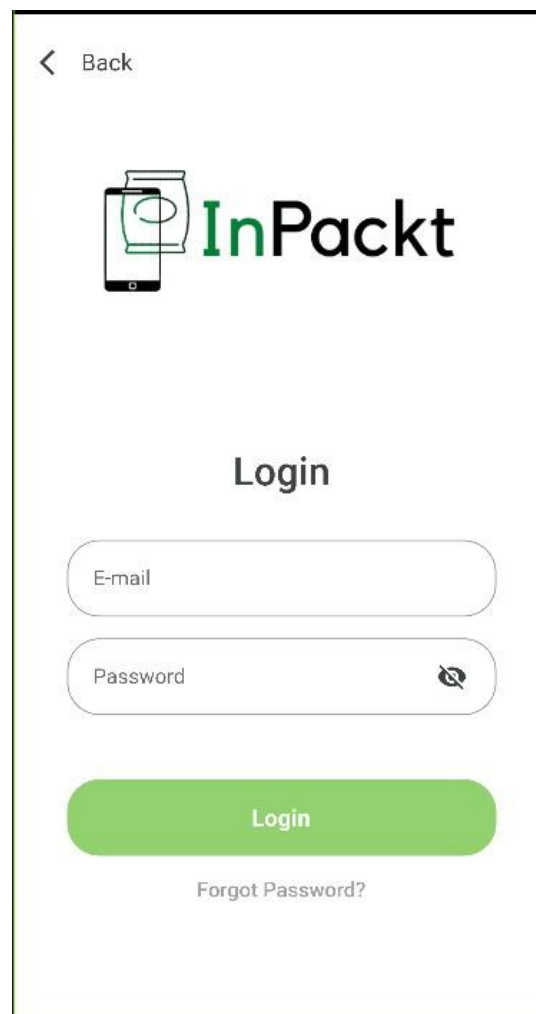# 2. Inside Application User Manual

Figure 1: Welcome Screen

When the user opens the application on the phone, first encounters the welcome screen. With this screen, the user can create a membership in the Inpackt application by clicking the sign up button and can log in to the membership created before by clicking the login button. Moreover, if the user wants to use the application without creating a user profile and preferences, can click the scan item button to proceed to the screen where the user will scan the packaged product, or can find the product in the application database by clicking the search item button.

Figure 2: Sign up screen

After clicking the sign up button of the welcome screen, the user is directed to the sign up screen. On this screen seen above, a valid email and a selected password should be

entered by the user. Then, the password is entered for the second time and the passwords are confirmed. If the user forgets or wants to check the password, which is seen as a '*' symbol, can make it visible by clicking the eye icon next to the password. Finally, when the user clicks on the sign up button, if the entered mail and password are valid, the membership will be created.

Figure 3: Login Screen

When the user clicks the login button on the welcome screen, the user is directed to the login screen shown above. The user can login to a previously created membership with the correct e-mail address and password, but if the e-mail and password cannot be confirmed, the user will receive an error message that the user for this account information cannot be found. The user can look at the password indicated by '*' by clicking the eye icon on the side. If the user forgets the membership password, the user is directed to the forgot password screen by clicking forgot password. When the user clicks the login button, if the e-mail and password are correct, the membership will be logged.

Figure 4: Forgot Password Screen

When the user clicks on the forgot password button on the login screen, the user is directed to the forgot password page seen above. The user enters the e-mail address of the membership for which wants to learn the password into the text box and clicks the send email button. If this e-mail is valid, user information is sent to the e-mail address.
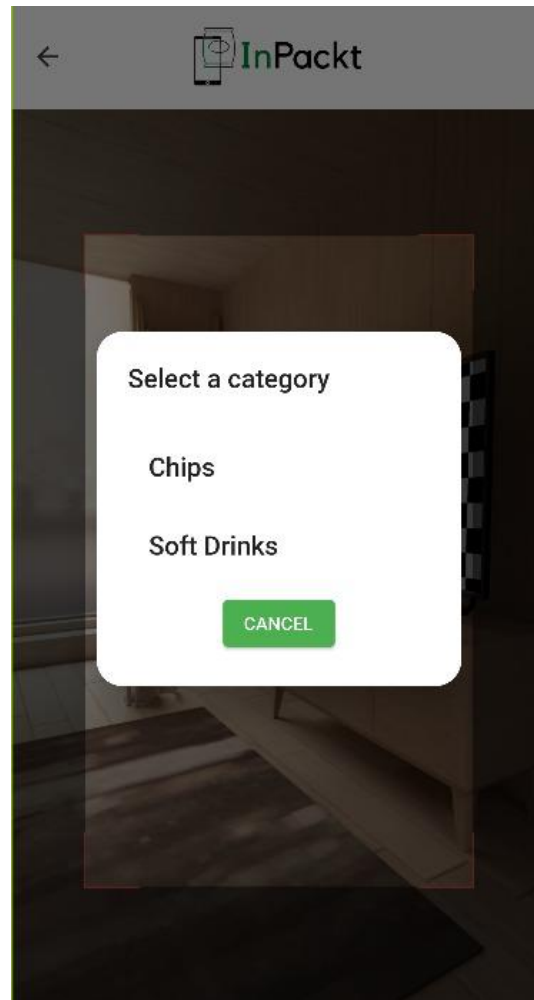

Figure 5: Scan item Screen

When the user clicks on the scan item button on the welcome screen, the camera will open in the background and the user will be asked to select the category of the product they want to scan. After the user selects the category of the product that wants to scan, will reach the contents of the product which is scanned by the camera that is currently running in the background. If the user has logged in with a membership with personal preferences and the

product scanned is not suitable for personal preferences, similar products that do not contain unwanted ingredients will be listed.
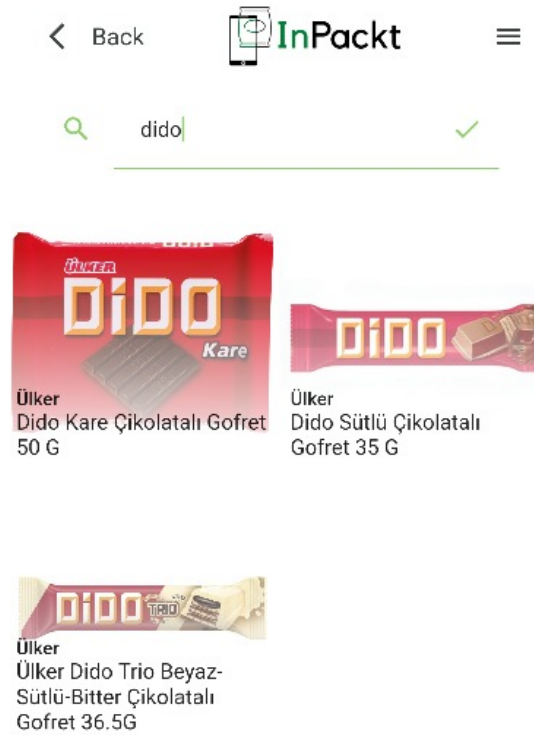

Figure 6: Search Item Screen

When the user clicks on the scan item button on the search item screen, a keyboard will appear on the bottom of the screen to enter the product name. After the product name is entered, the user should click the tick button to activate the search. Then the application will show the search result to the user like in Figure 6. Users can click the corresponding product image to see the product information.

Figure 7: Product ingredients Screen

When a product is clicked from the search screen or redirected from the product scan page, the product ingredients screen will be opened. In the product ingredient screen, users can see the related information of the product. Users can choose to like or dislike the product to help future product recommendation.
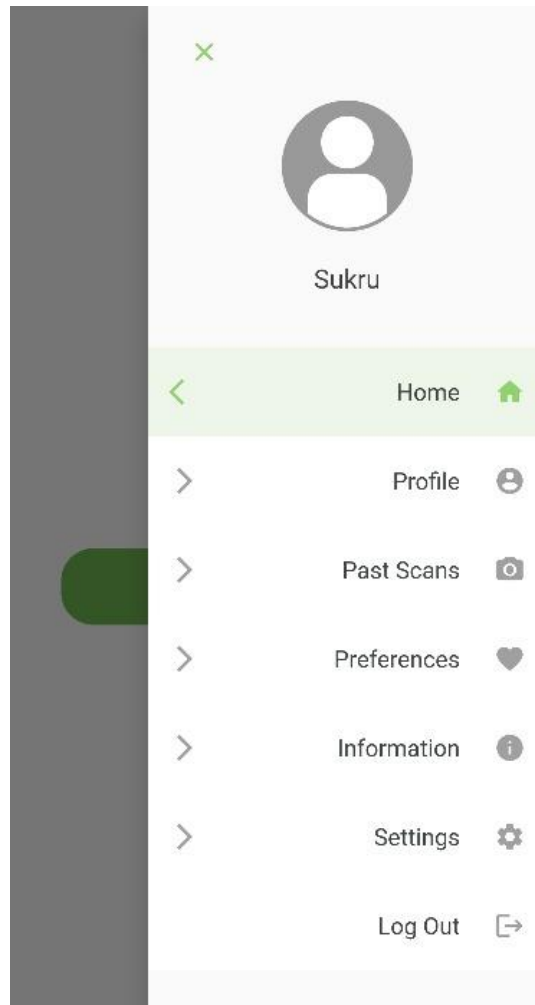
Figure 8: Side Rotation Bar

When the user clicks the menu button that is placed in the upper right corner of the screen, a menu that allows the user to rotate between pages of the application will be opened. Log out button that is placed on the end of the sidebar list, logs out the user from the application.
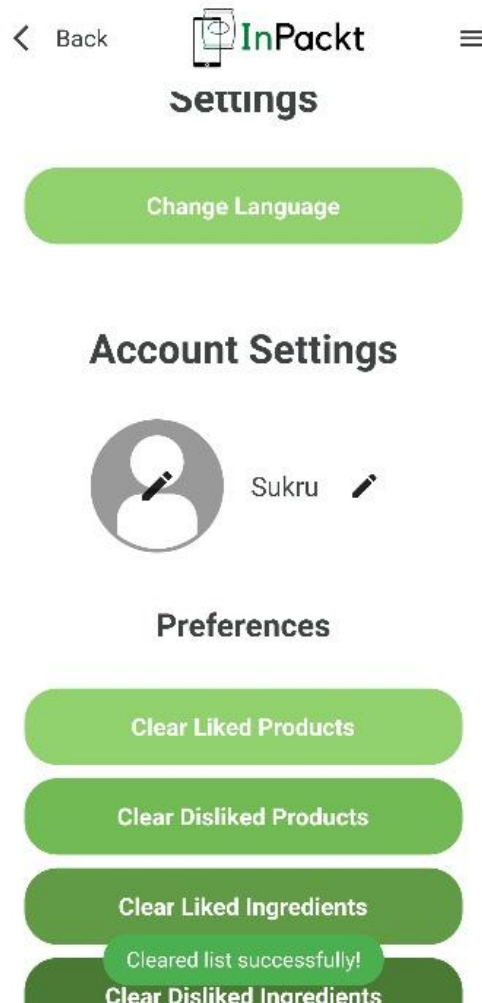
Figure 9: Account Settings Screen

When the user clicks on the account settings button in the side menu, the user is directed to the account setting screen seen above. The user can change the language by clicking the change language button on this page. When the user account is created, the user name is user by default and the user photo is defined as the default icon. If the user wants, can select and upload a profile picture from the local files by clicking the profile icon, and change the user name as desired by clicking the pencil icon next to the user name. If the user wants to delete the products likes, the products dislikes, the ingredients likes, the ingredients dislikes, can click on the relevant buttons, and when the process is completed, the user will see a pop-up message.
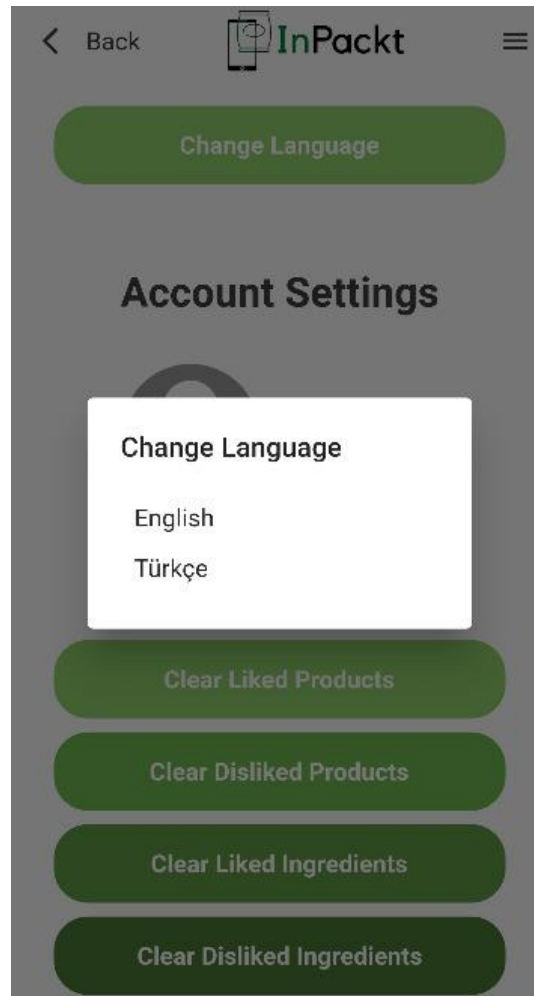
Figure 10: Change Language Pop-up

When the user presses the change language button on the account setting screen, the change language Turkish and English options appear on the screen as pop-up. The user can change the language of the application by clicking on the language preference and continue to use it in a more comfortable way, from the account setting screen.
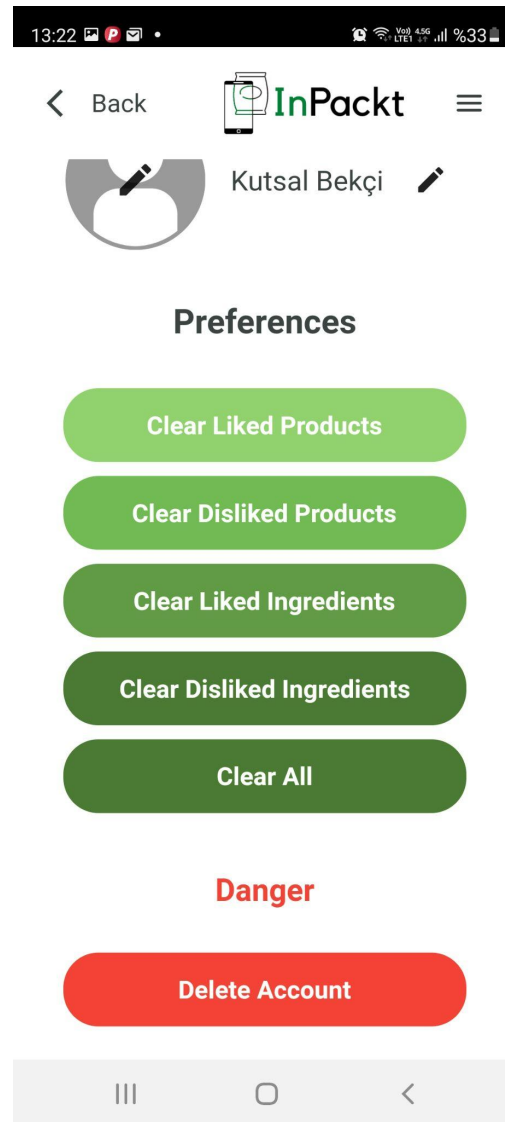
Figure 11: Account Setting Screen with Delete Account Button

The users can delete their account from the account setting screen. There is a button in the bottom of the page that is represented with the red color. When clicked on the Delete Account button, all the information that is related to the user will be deleted from the database.