2022

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MAD Final Project Report.

Online Vegetable Delivery System.

TEAM: United

Group: 04

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MAD Project Evaluation 2 – June Intake 2022** | | | | | | | | | | | | | | |
| **Project Name:** | **Online Vegetable Delivery system.** | | **Batch:** | **4.1 (Batch 4)** | | | |  |  |  |  | | |
| **Student ID** | **Student Name** | **Integrated system using a repository**  **(Out of 5)** | **Marketing the app using a video clip published in a social media account (e.g.: LinkedIn) (Out of 10)** | **CRUD Function completeness (Out of 20)** | **Database connectivity**  **(Out of 5)** | **Usability (Out of 5)** | **Validations (Out of 5)** | **Good coding practice**  **(Out of 5)** | **Out of box features**  **(Out of 10)** | **Test cases**  **(Out of 10)** | **Report (Out of 10)** | **Q & A (Out of 15)** | **Total (Out of 100)** |
| IT20271282 | Anthony C.D. K |  |  |  |  |  |  |  |  |  |  |  |  |
| IT20148904 | D.T.D Yapa |  |  |  |  |  |  |  |  |  |  |
| IT20149376 | K.A.C.M Keragala |  |  |  |  |  |  |  |  |  |  |
| IT20616410 | Wickramasinghe W.A.C. P |  |  |  |  |  |  |  |  |  |  |

Git Repository Link: <https://github.com/devmini13/Online-Vegetable-Delivery-System.git>

Link for the video in social media:

<https://www.linkedin.com/posts/devmini-anthony-61655b217_teamunited-mad-mobileappdevelopment-activity-6929708088220422144-->gyw?utm\_source=linkedin\_share&utm\_medium=member\_desktop\_web

(All group members must be tagged)

-----------------------------------------------------------------------------------------------For Evaluators---------------------------------------------------------------------------------------------------------

Evaluator’s name:

Comments:

1. **Introduction to the project.**

Our team chose the Online Vegetable Delivery System as the Mobile Application Development

project, and we have researched ever since; We chose this topic because a lot of people

these days are living busy lives with this epidemic. After the data collection we began to develop the

project as for our plans. We developed an easy-to-use home screen and an easy button to direct

inside the application. There is login registration part and home screen after that there are a cart

option. The delivery system and the payment gateway are also built into the system.

1. **Individual Contribution.**

|  |  |
| --- | --- |
| **IT20271282 - Anthony C.D. K** | **IT20148904 - D.T.D. Yapa** |
| **Manage Products: -** Designing the product, Product details, Category and the Add and Remove quantity pages.   * Administrator login to the system. * Administrator can Add new product. * Administrator can Edit new products. * Add/Update product details to Add New products page or Delete details. * Manage quantities of the products (In stock or Out of Stock). * Delete expired product from Add and Remove product details page. * Administrator can search products. | **Delivery Management**: -  Designing the delivery function   * User can select * Delivery method. * Delivery address (address can select using a map). * Delivery date. * Delivery location. |
| **IT20149376 - K.A.C.M Keragala** | **IT20616410 - Wickramasinghe W.A.C. P** |
| **Manage payment : -** Designing the add payment   * User can add payment Details. * Implementing the payment gateway. * Designing payment profile. | **Shopping cart**   * Designing shopping cart * User can  1. Add items to the cart. 2. Delete items from the cart.  * Update the quantity of the cart. |

**IT20271282 – Manage Products.**

CRUD operation

From this page customer/Administrator can Search all kind of products and the can check its

availability. And not only search they can select categories and add to the cart and place an order.

Not only for customer shop owner also has an interface from this App. He can Add products Delete

products and Update products and, he can decide product availability and its prices. And when the

administrator add that product details he/she wants to login to the system and continue his/her

works.

* Edit and delete.

Text

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generated

* Update.

Graphical user interface

Description automatically generated with low confidence

Text

Description automatically generated

* Graphical user interface, text

  Description automatically generatedAdd.

Text

Description automatically generated

* Search.

Text

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Description automatically generated with medium confidence

* Login.

Text

Description automatically generatedA screen shot of a cell phone

Description automatically generated with low confidence

* Testing Method I used.
  + Functional Testing.
  + Android UI Testing.
  + Installation Testing.

Before I used Some different UI but Now, I changed that UI because of some UI designing rules were

not matched with that UIs.

* Data Base.

Graphical user interface, text, application, email

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**IT20148904 – Delivery Management**

CRUD operation

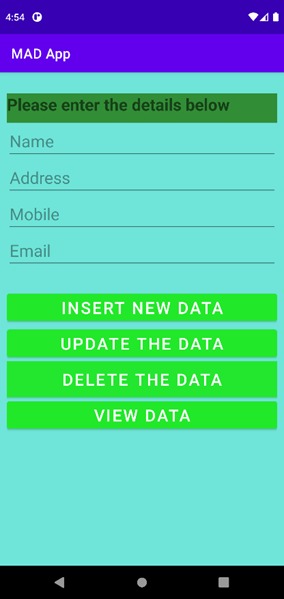
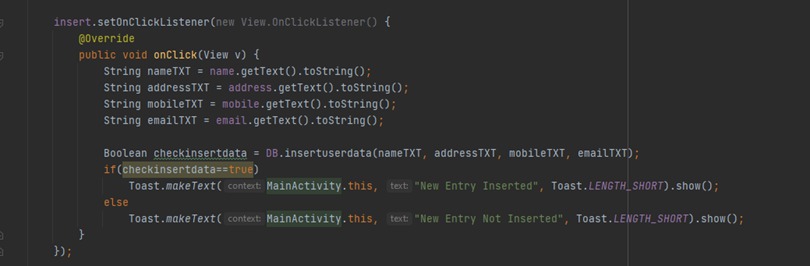
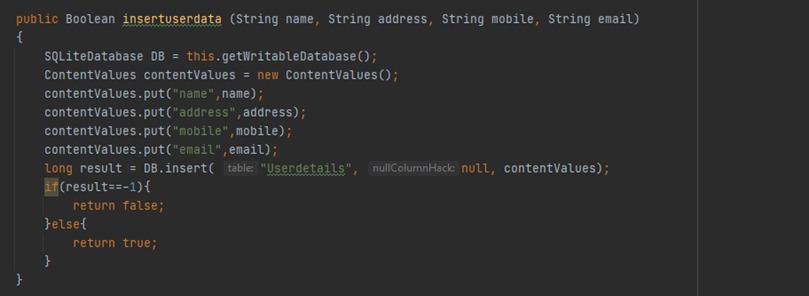
When it comes to the delivery system for this mobile app, there are CRUD activities involved.

When a user logs in and proceeds to the checkout page, there are numerous options

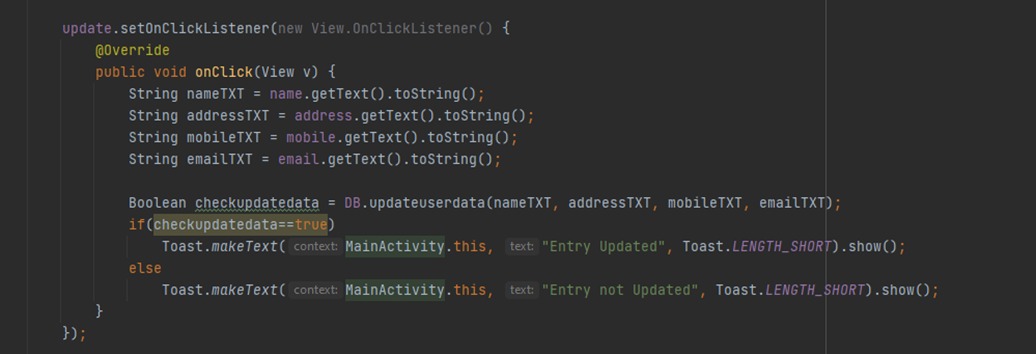
for selecting shipping information. The user can look at the addresses that are currently

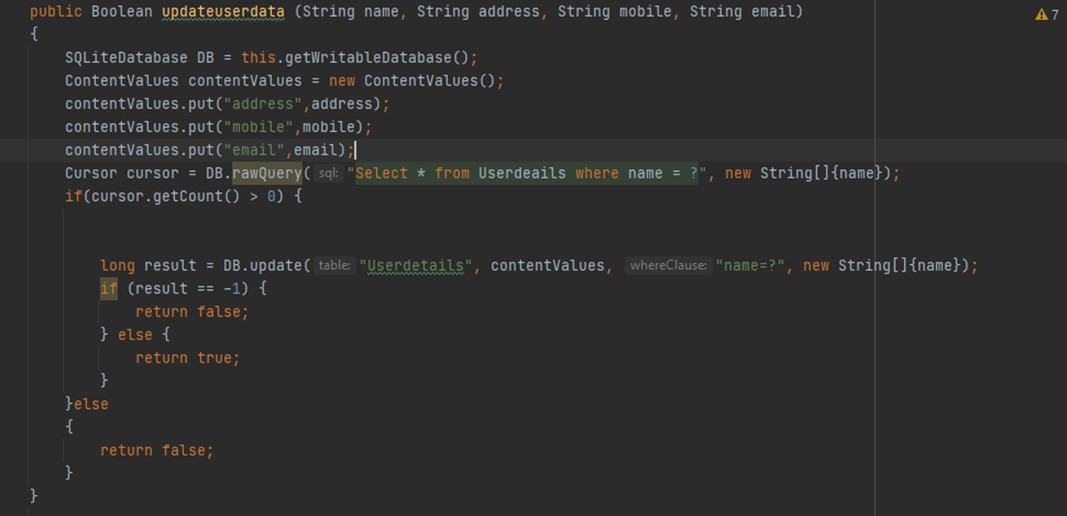
saved and add a new one. Additionally, the user can update the addresses

currently recorded in the program. A saved address can be deleted at any time.

**Insert**

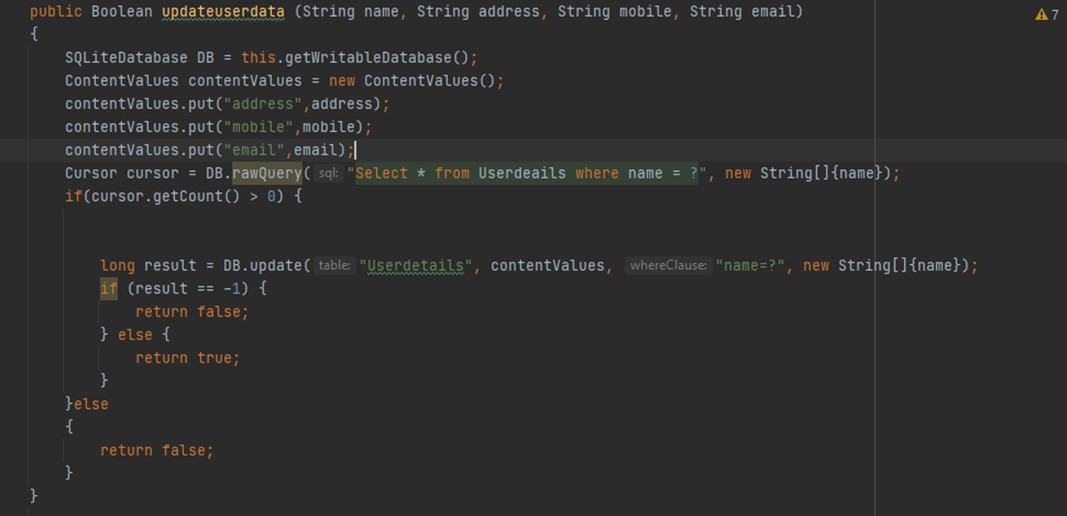
**Update**





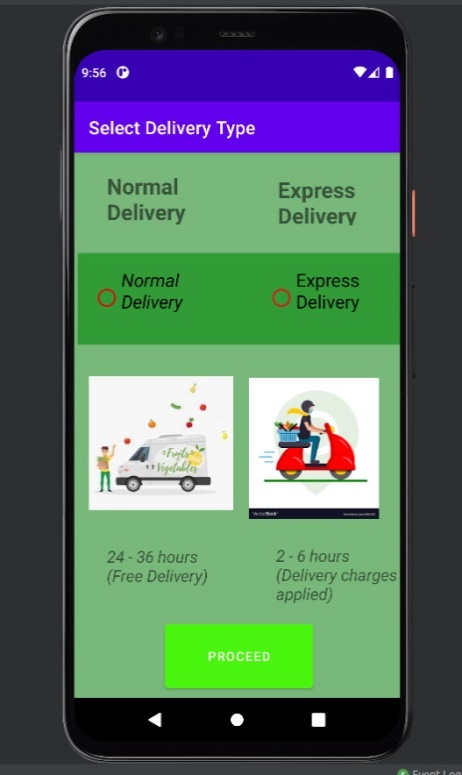
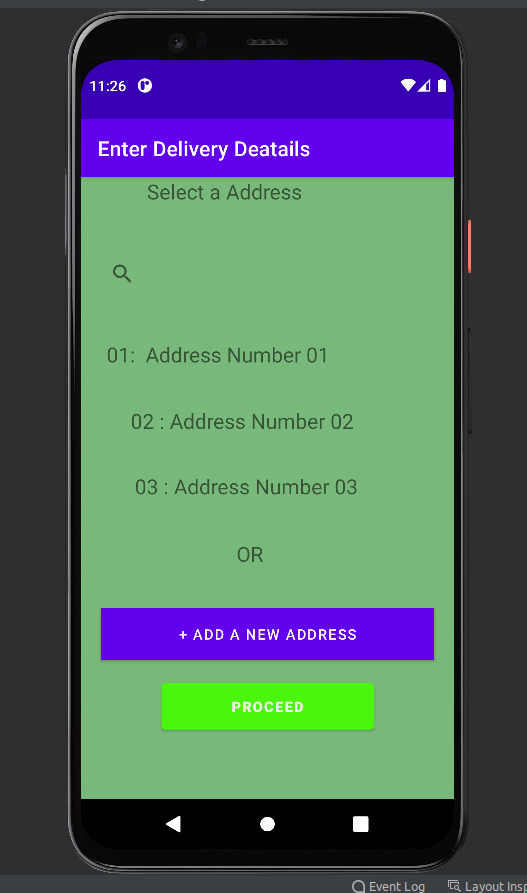
**Delete**





**View**

And there are some other interfaces to guide the user through the delivering process.



* Testing Method I used.
  + Functional Testing.

Android UI Testing

**IT20149376 – Manage Payments.**

CRUD operation

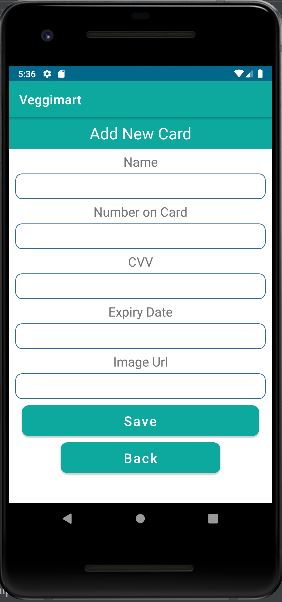
When it’s come to this mobile app’s payment system, there are CRUD operations in the

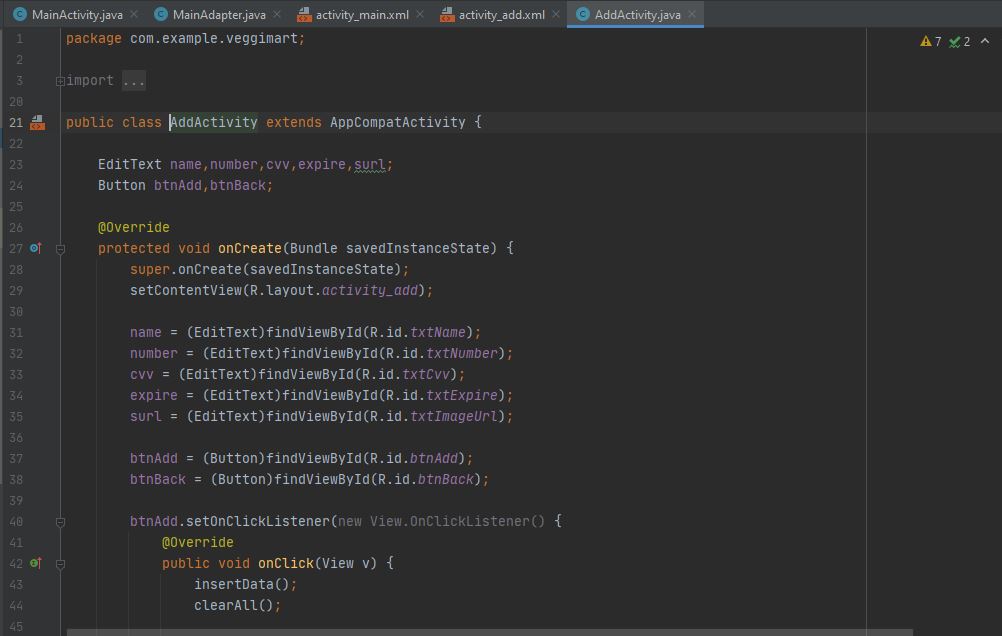
process. When user go to checkout, there is an option to Add Card details. User can view the

currently stored Card details and user can update the card details that are currently stored

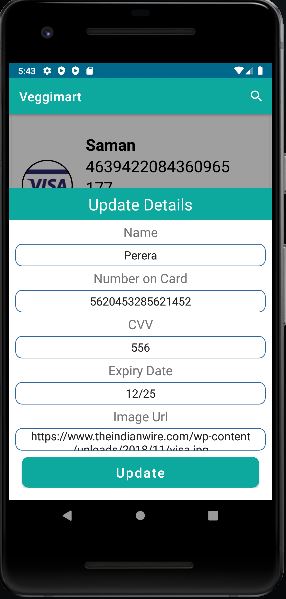
in the app. Also, User can delete a saved address anytime

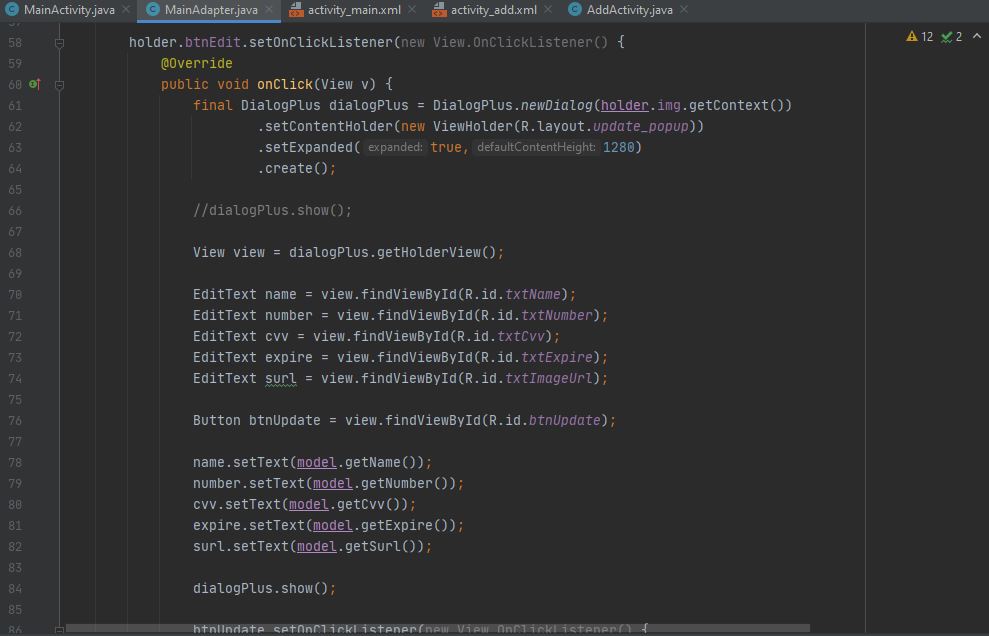
**Insert**

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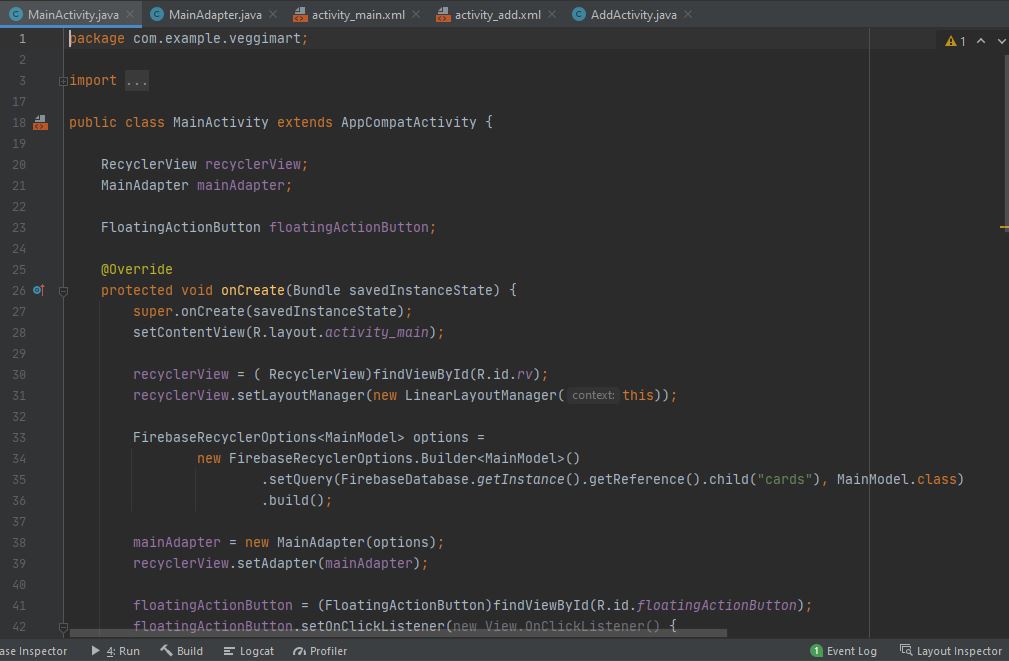
**Edit**



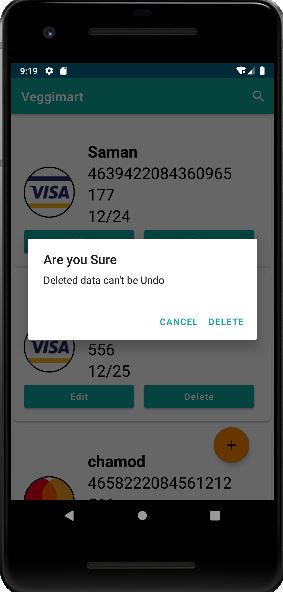
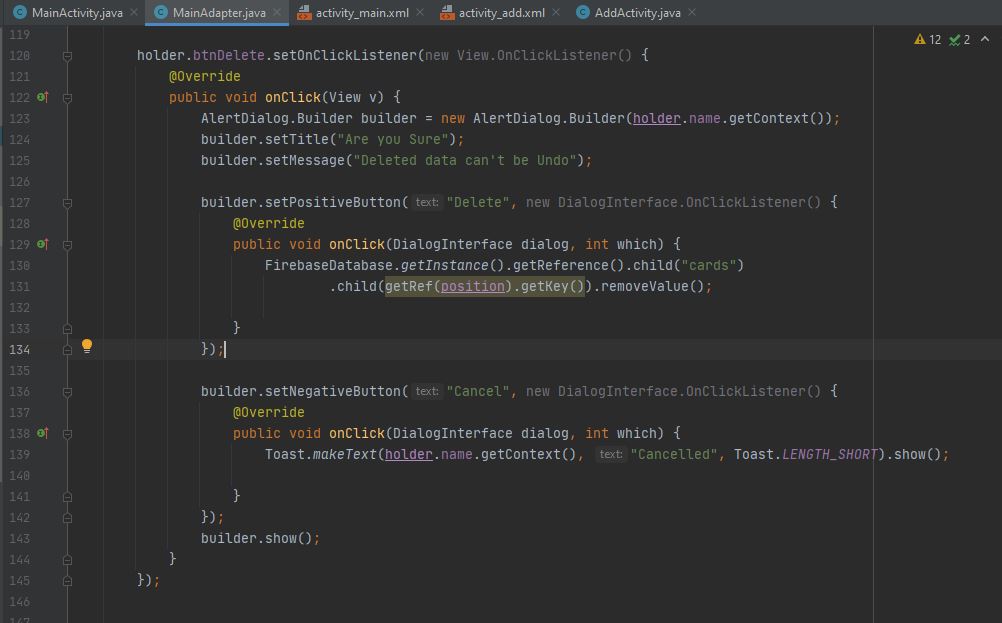


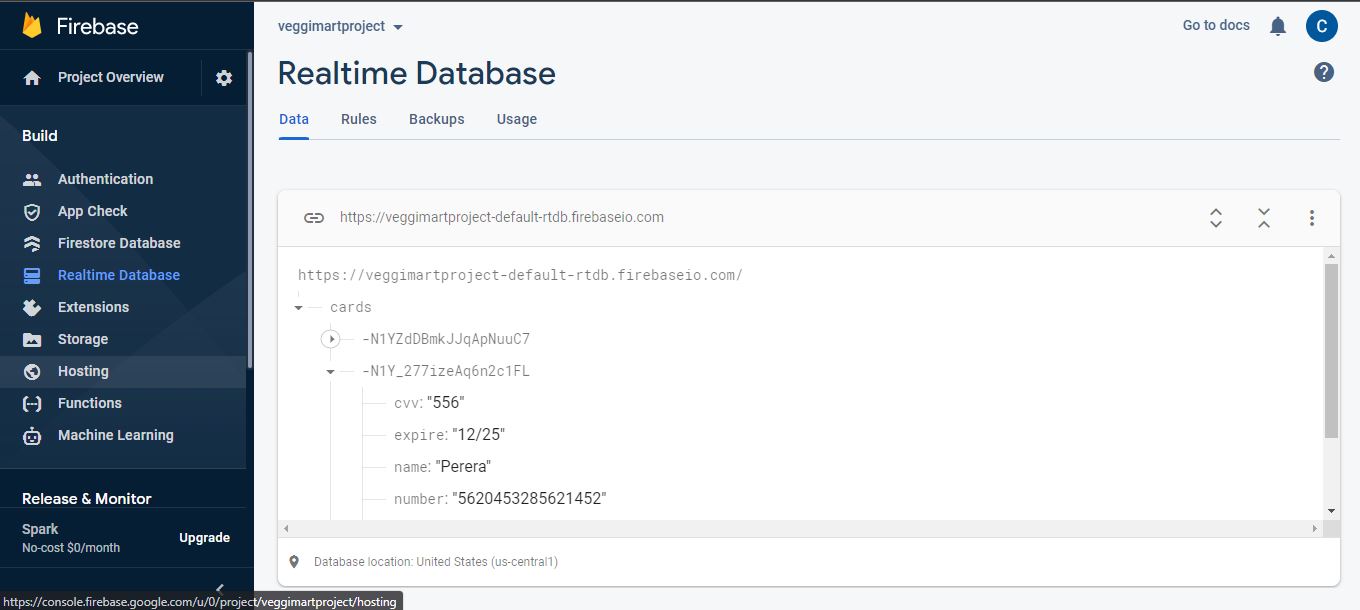
**View**

![Graphical user interface, application

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In our Vegetable app the management of add to cart and shopping cart are done by my self.

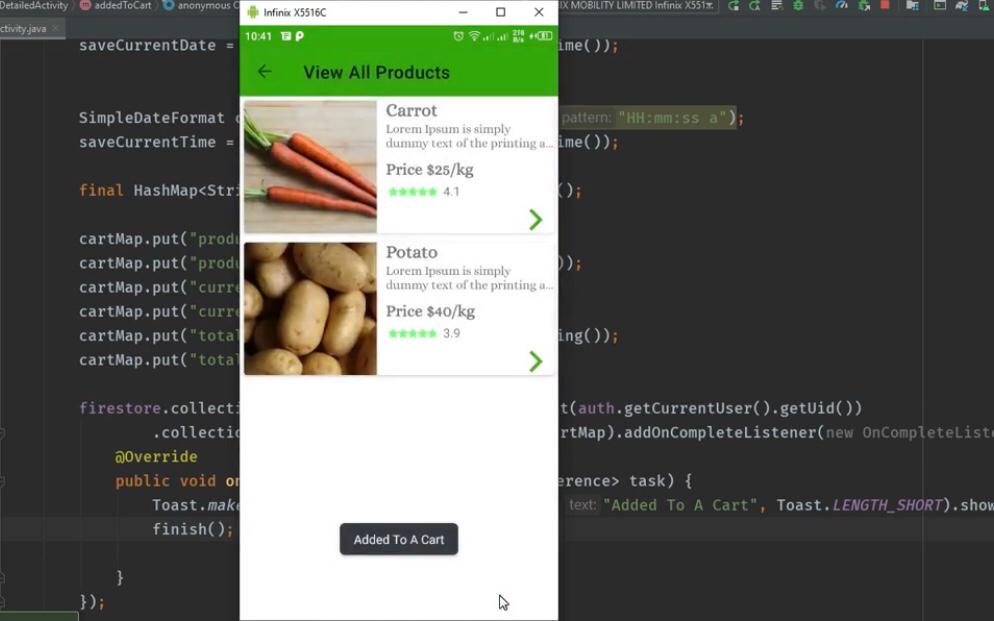
After coming home page, the user can add vegetables to the cart. User can add items to the

shopping cart by using add to cart in this app. All the shopping cart will be stored and past shopping

carts will be displayed under the user. User can edit his quantity data using edit button as well as

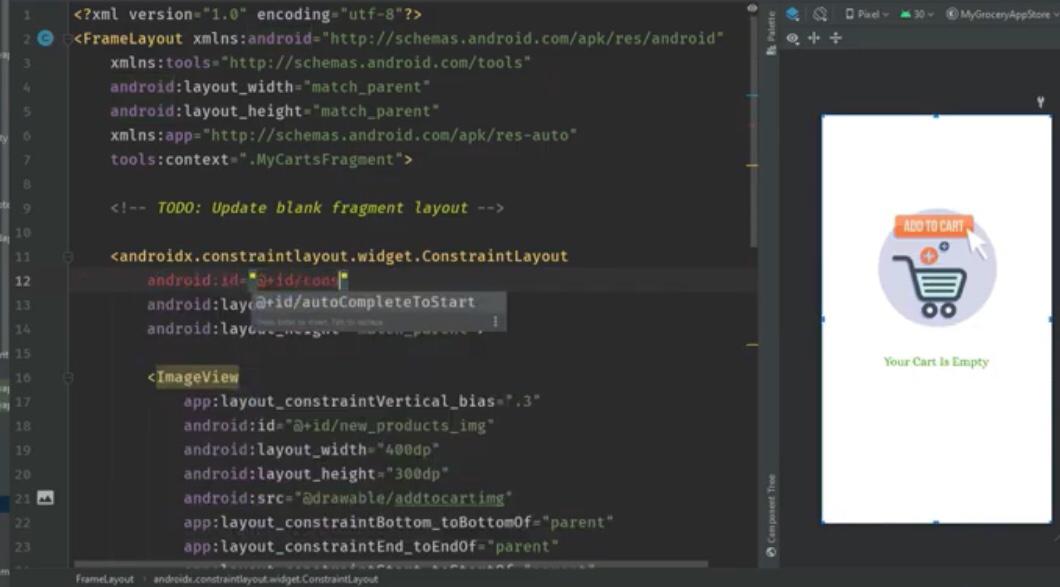
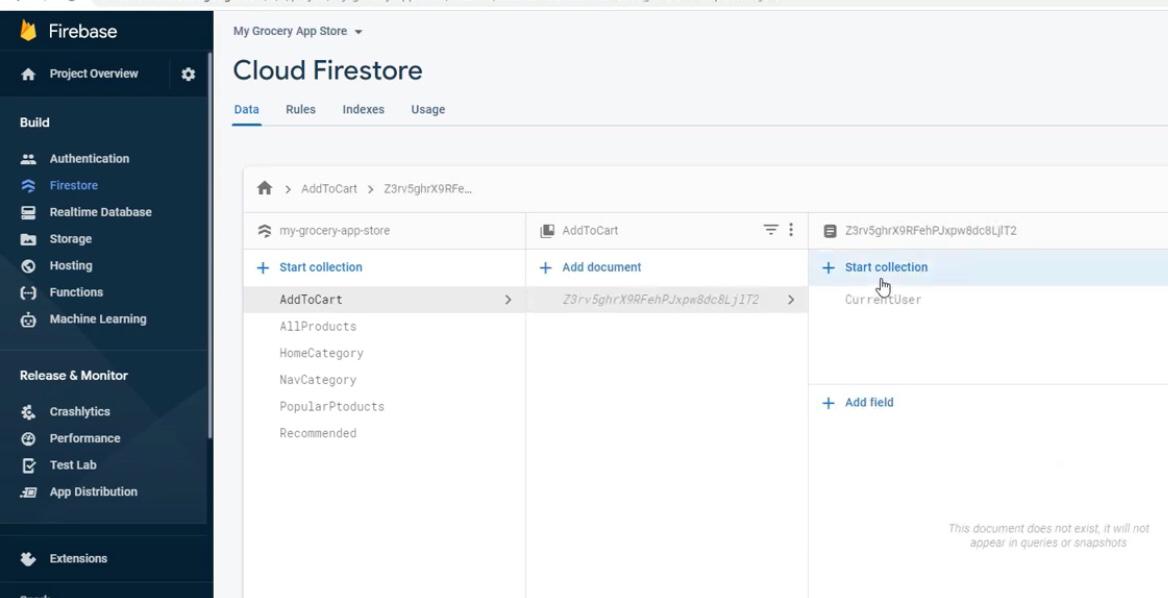
user can remove items in to the cart by using remove button .And also user can update his shopping

cart.



Graphical user interface, website

Description automatically generated



* GIT HUB Commits.

A screenshot of a computer

Description automatically generated with medium confidence