**KTM PIZZA README**

**Screenshots**  **attached in the screenshot folder.**

**Description:**

KTM Pizza is an online Pizza ordering app where in a user can register and order pizzas. Here we have created a normal pizza app with some innovation in the functioning and we have enhanced the security.

**Features:**

* **Registration:**  
  The customer is told to register .On registering , the values that he enters are fed into a **remote database server**.  
  This is accomplished by using a **web service like** php file called **ktmreg.php**, which processes the data into the database using SQL queries.  
  At the same time a new **thread** is created which creates a **credentials.txt** file which stores all these values in a **Encrypted form , ie SHA-256 hash.** The 1st string in the file is the hashed value of **emailid ,** followed by the others.
* **Login:**When a registered user opens the app he is to enter his emailid. A hash of this value is generated using same Algorithm it is compared with the hash of the emailid in the **credentials.txt** file. If the hash matches the user is allowed to login and proceed to the dashboard else he is told to enter a valid emailid.
* **Dashboard:**  
  Then the user is taken to a dashboard wherein he can **View Menu, View Past Bills**, **Write to the developer** to inform any discrepancy , Exit and lastly **Delete Account**.
* **Menu & Bills:**  
  The Menu offers a variety of 4 pizzas . After clicking on any pizza it asks the user for quantity and size.  
  Then a Bill is generated and user is asked to finalize. As the user finalizes the bill , a text file of that bill is created and stored and the user is redirected to the dashboard.
* **View Past Bills:**When the user hits on View Past Bills, all the bill files are fetched and displayed to the user.
* **Write to the developer:**When user clicks here , **gmail** or any other **email client** opens and the user can type a message to the developer regarding issues or queries etc.
* **Delete Account:**On Clicking here , the user is prompted by an alertbox asking if he is sure.   
  If yes, all the files including bills and credentials are deleted and the user is sent to the home screen.  
  If no, the user persists on the dashboard.

**User of the System:** Customer.

**Mandatory Requirements : Internet Connection , Android Phone**

**Technology used:**

**Frontend:**

* **Android.***Platform: 2.3.x and above.*

**Backend:**

* **MySQL Databases.(App triggers a php file located on a remote server )**

**Software to be used:**

* **Eclipse IDE with Android SDK.**
* **Notepad for php.**

**Live Tested on:**

* **Karbonn A9+**
* **Samsung galaxy Y.**
* **Micromax canvas 4.**

**Team Name**

* **KTM**

**College:**

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