Accounts Management System

Abstract:

The project "Half a dozen" is an accounts management system for monitoring and saving the records of the transactions of the canteen.The project "Half a Dozen" is a web application which basically focuses on the available stock, stock that sold out, stock that needs to be purchased,the amount spent on every item by the admin, wishlist and records for every student.The cause behind this idea started with the IIITK mess and canteen maintainence,where the records are maintained within a book.the idea leads to digitalising the records which results in more easier and faster way of accessing the bills and the stock details.

"Half a Dozen" is designed in
      i) js and node js
      ii) using android studio and visual studio code
      iii) firebase as database

"Half a Dozen" is designed to help the users by
      i) allowing them to add the items into the wishlist,
      ii) for the admin in maintaining the records of the items in the canteen.
      iii) helpful in maintaining the records of the previously purchased products,
      iv) list of products to be purchased,
      v) the students wishlist,
      vi) weekly expenditure reports,

These records are stored into the databases such that the records can be handled efficiently.Transparency is maintained between the admin and the users in refunds.The web application is very easy to handle for both users and admin with their personal login credentials.The app features a decent user interface,better searching options included in it.The details page generates the billing that facilitates the user in the items he purchased,bill needs to be paid,amount spent in the canteen and for the admin a clear record of items available,items to be purchased including the amount recieved and paid.Billing is enabled with printing options including weekly reports for the admin alone.User can request for a bill if needed.

The main modules in the application are:
1.Login page
2.Welcome page
3.Billing page
4.History
5.Stock details

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