

Features

Different categories include price range, rent time, or type of accessory (furniture, electronics, or books).

The modules will be as follows:

1. Uploading contents to resale or rent.
2. Browsing through various categories given as:
 3. furniture resale/rent
 4. electronic gadgets resale/rent
 5. vehicles resale/rent
 6. books resale/rent
7. The above subcategories will be further divided into sub-sub categories.
8. If resale is chosen, the resale cost uploaded by the seller will be shown. if rent is chosen, cost will be calculated on the time basis.

Data Structures used and the reason behind

- A data structure is a specialised format for organising and storing data. General DS types include arrays, file, structure, trees, lists etc.
- The first and only data structure used is STRUCTURE to take details of the applicant and store details in the file by single object only.
- Structures and files are used in this project to improve efficiency and ease of variable access.
- We have not used any other data structure since that would be wastage of memory and would only serve to make the program complex.

Functions Explained : Working

- createacc : writing data into file of various categories
- item-network : searching and displaying data
- admin-network : displaying all data
- buy-item : selling data by showing cost and removing the sold item from file
- rent-items : renting by input of time period and calculating cost accordingly
- sell-item : upload data for selling
- close shop : erase file

Task Distribution

- Amrit Srivastava : 18104070 :- coded the buy_item and sell_item function entirely, the delay function and checked the coordinate functions with goto.
- Ishita Batra : 18104082 :- coded create account, and rent function and checked the utility by optimising the final code with minor changes.
- Ankesh Bharti : 18104071 :- helped with the structural approach, divided the functions, coded item_network and made the report doc.
- Shubh Anand : 18104069 :- brought up the project idea, and coded admin network code.

Flow Chart

Link to flow chart's pdf (<https://github.com/shermisaurus/jiit-buy-sell-portal/blob/master/demo-pdfs/flowchart.pdf>)

Code

Link to code's pdf (<https://github.com/shermisaurus/jiit-buy-sell-portal/blob/master/demo-pdfs/code.pdf>)

Results Screenshots

Link to screenshot's pdf (<https://github.com/shermisaurus/jiit-buy-sell-portal/blob/master/demo-pdfs/screens.pdf>)

PS: Flowchart, code and results screenshots attached on further pages.