



jiit-buy-sell-portal

JIIT-62's SDF-2 2019 Even Sem Freshmen Year Mini Project. A mini buy, sell and rental service application will be created using C language; The user will have the option to upload their contents to sell, and also browse through varieties to buy or rent accessories which will be sorted using different categories.

Project Contributors

Batch B-12

- Amrit Srivastava : 18104070
- Ishita Batra : 18104082
- Ankesh Bharti : 18104071
- Shubh Anand : 18104069

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:
 - furniture resale/rent
 - electronic gadgets resale/rent
 - vehicles resale/rent
 - books resale/rent
3. The above subcategories will be further divided into sub-sub categories.
4. 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.
- 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 and Algorithms

› Task Distribution

- Amrit Srivastava : 18104070 :- coded the upload part, and checked project efficiency by refractoring (process of systematically improving your code without writing new functionality) existing functions and variables in the codebase.
- Ishita Batra : 18104082 :- coded rent and resale part of the project.
- Ankesh Bharti : 18104071 :- division of functions and categories in the codebase and prepared the report docs.
- Shubh Anand : 18104069 :- brought up the project idea, workign and branching of the code.

› Flow Chart

[Link to flow chart's pdf](#)

› Code

[Link to code's pdf](#)

› Results Screenshots

[Link to screenshot's pdf](#)

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