



## › jiit-buy-sell-portal

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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

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### Batch B-12

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

## › Features

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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

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- 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

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## › Task Distribution

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- 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.

## › Code

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[Link to code's pdf](#)

## › Flow Chart

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

## › Results Screenshots

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[Link to screenshot's pdf](#)

PS: Code, flowchart and results screenshots attached on further pages.