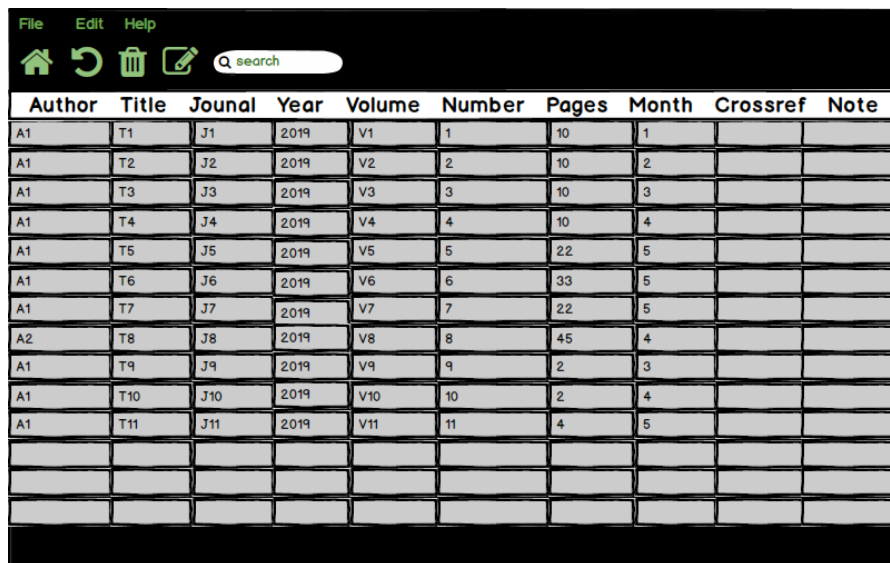


4 - Design Overview

4.1 - Introduction

The Design Overview is section to introduce and give a brief overview of the design of interface; orientations and functions of each button and space. This allows for the reader and user of the document to orient them selves to the design and see a summary before proceeding into the details of the design by following mockups-prototypes.

4.2 – Mock-ups

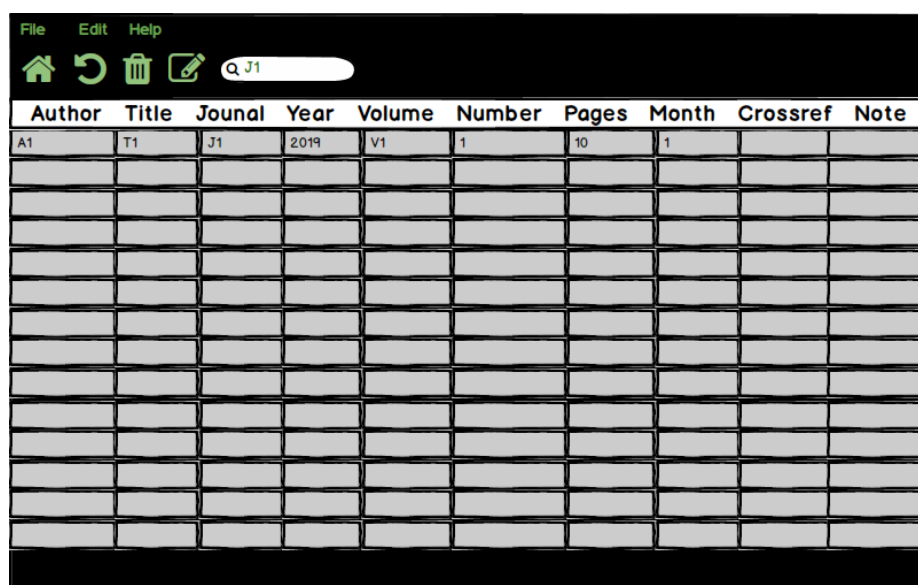


The mockup shows a software interface with a black background. At the top, there is a menu bar with 'File', 'Edit', and 'Help' in green. Below the menu bar is a toolbar with four green icons: a home icon, a circular arrow (undo), a trash can (delete), and a pencil (edit). To the right of the icons is a search bar with a magnifying glass icon and the text 'search'. Below the toolbar is a table with the following columns: Author, Title, Journal, Year, Volume, Number, Pages, Month, Crossref, and Note. The table contains 11 rows of data, with the first row being highlighted in light gray.

Author	Title	Journal	Year	Volume	Number	Pages	Month	Crossref	Note
A1	T1	J1	2019	V1	1	10	1		
A1	T2	J2	2019	V2	2	10	2		
A1	T3	J3	2019	V3	3	10	3		
A1	T4	J4	2019	V4	4	10	4		
A1	T5	J5	2019	V5	5	22	5		
A1	T6	J6	2019	V6	6	33	5		
A1	T7	J7	2019	V7	7	22	5		
A2	T8	J8	2019	V8	8	45	4		
A1	T9	J9	2019	V9	9	2	3		
A1	T10	J10	2019	V10	10	2	4		
A1	T11	J11	2019	V11	11	4	5		

Image 1: Display Scene

Image 1 is our opening scene. We want user to see his/her previous bibtex files at first sight. Toolbar is fixed: Home (returns back to display scene) ; undo, delete, edit and search



The mockup shows the same software interface as Image 1, but with the search bar now containing the text 'J1'. The table below the toolbar is empty, showing only the column headers.

Author	Title	Journal	Year	Volume	Number	Pages	Month	Crossref	Note
A1	T1	J1	2019	V1	1	10	1		

Image 2: Display Scene - Search function

The search bar is located in the display scene. It allows users to search bibtex files by author, month, year, title, volume, journal, number, pages, cross reference and notes.

The image displays two states of a software interface. The top state shows a search bar with a magnifying glass icon and the text 'search'. Below it is a table with columns: Author, Title, Journal, Year, Volume, Number, Pages, Month, Crossref, Note. The bottom state shows the edit scene. On the left, there is a form with input fields for Author, Title, Journal, Year, Volume, Number, Pages, Month, Crossref, and Note. Below these fields is a plus sign button and a Save button. On the right, there is a table with the same columns as the one above.

Image 3: Edit Button and Edit Scene

User can edit his/her bibtex table by clicking edit button. Then latex form appears from left. The form requires users to enter following to save each column for new bibtex file; author, month, year, title, volume, journal, number, pages, cross reference and notes.

