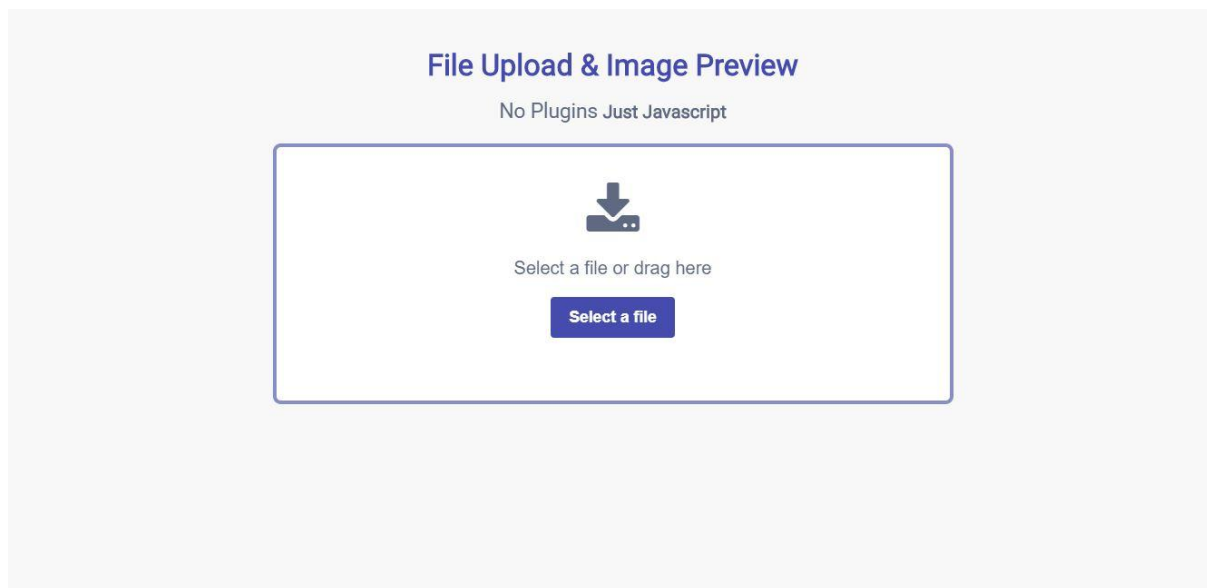# Data Management.

There is a need for an application for management of data into database. The user has a .xlxs file format which contains data of class students .

Features

- **Upload a xls file in input box**

➢ Check for correct file format if error in format reject

File Upload & Image Preview

No Plugins Just Javascript

Select a file or drag here

Select a file

- **Validation of uploaded data**

➢ Check for error in file data
- ➔ Null error
- ➔ Undefined
- ➔ White space

➢ Check for miss-match data in file data
➢ Add list the number of errors and also list the number of correct data in a report above in table format

REPORT ON DATA

DATA UPLOADED	CORRECT DATA	ERROR DATA
NO: 60	NO: 36	NO: 13

- ## Map the valid data

➢ Map the valid data and upload into MongoDB
➢ Map the errors in to report above

Sl No	Name	Class	Section	Age	Attendance
1	Sagar T	10th	B	15yrs	True
2	Jacob	10th	A	17yrs	True
3	Larry Otto	9th	B	16yrs	False
4	Sagar T	10th	B	15yrs	True
5	Jacob	10th	A	17yrs	True
6	Sagar T	10th	B	15yrs	True
7	Jacob	10th	A	17yrs	True
8	Sagar T	10th	B	15yrs	True
9	Jacob	10th	A	17yrs	True
10	Larry Otto	9th	B	16yrs	False
11	Sagar T	10th	B	15yrs	True
12	Jacob	10th	A	17yrs	True

- ## On next upload

➢ On next upload of file check for duplicate value in database and upload file
➢ Map the duplicate values and errors on report on data
➢ Map the valid data into table

Technology

Front End
- React-Bootstrap
- React.js
- Axios
- Xlxs
- Yup

Back End
- Express.js
- Cros
- Mongoose
- Body-parse

Date Base
- Mongodb

Tool

- Postman
- vscode
- Git with github (version control)

Workflow