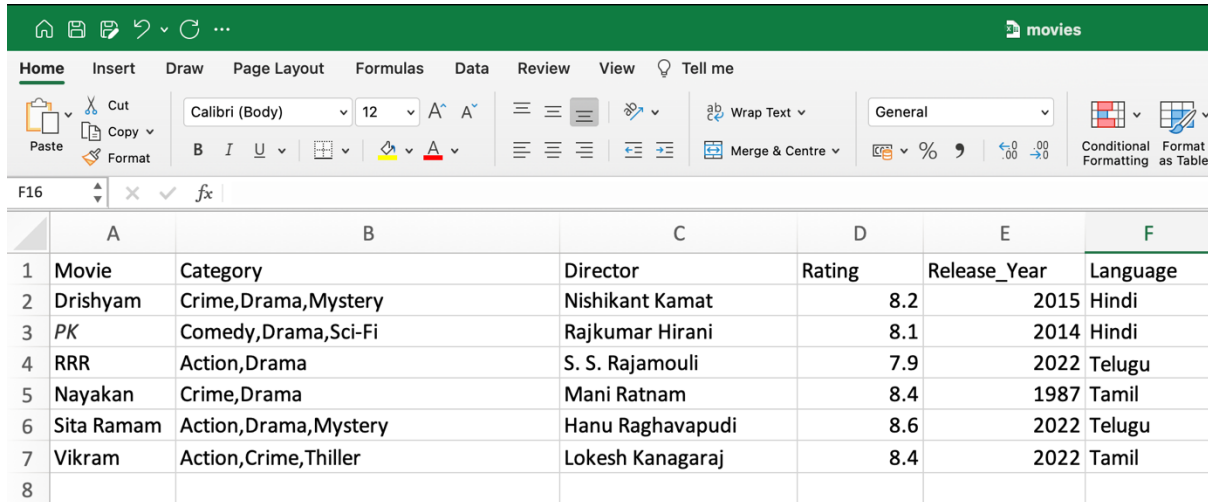


# React JS Assignment on Components

Create React JS application which demonstrates importing .xlsx excel sheet from local computer. Given following screen shots. Implement the application as described

1. Create an excel sheet as shown below

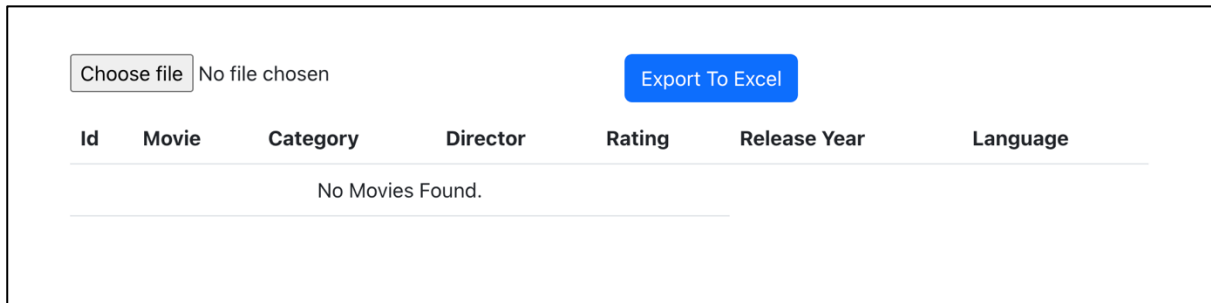
movies.xlsx



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	Movie	Category	Director	Rating	Release_Year	Language
2	Drishyam	Crime,Drama,Mystery	Nishikant Kamat	8.2	2015	Hindi
3	PK	Comedy,Drama,Sci-Fi	Rajkumar Hirani	8.1	2014	Hindi
4	RRR	Action,Drama	S. S. Rajamouli	7.9	2022	Telugu
5	Nayakan	Crime,Drama	Mani Ratnam	8.4	1987	Tamil
6	Sita Ramam	Action,Drama,Mystery	Hanu Raghavapudi	8.6	2022	Telugu
7	Vikram	Action,Crime,Thiller	Lokesh Kanagaraj	8.4	2022	Tamil
8						

2. Write a component in react JS to upload / import above given excel sheet.



The screenshot shows a web application interface with a file upload section and a table.

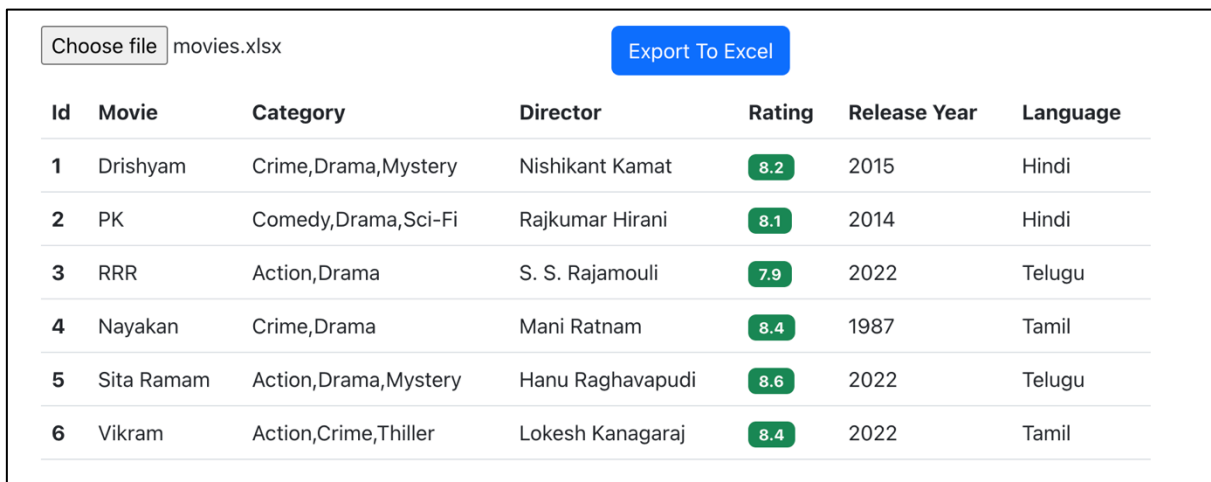
File upload section:

No file chosen

Table:

Id	Movie	Category	Director	Rating	Release Year	Language
No Movies Found.						

3. Click on Choose file button. Select excel sheet created above. Then generate table in react JS as shown below screen



The screenshot shows the same web application interface as before, but now the file 'movies.xlsx' is selected and the table is populated with the data from the Excel sheet.

File upload section:

movies.xlsx

Table:

Id	Movie	Category	Director	Rating	Release Year	Language
1	Drishyam	Crime,Drama,Mystery	Nishikant Kamat	8.2	2015	Hindi
2	PK	Comedy,Drama,Sci-Fi	Rajkumar Hirani	8.1	2014	Hindi
3	RRR	Action,Drama	S. S. Rajamouli	7.9	2022	Telugu
4	Nayakan	Crime,Drama	Mani Ratnam	8.4	1987	Tamil
5	Sita Ramam	Action,Drama,Mystery	Hanu Raghavapudi	8.6	2022	Telugu
6	Vikram	Action,Crime,Thiller	Lokesh Kanagaraj	8.4	2022	Tamil

If Rating is  $\geq 8$ , then display rating with back ground color green  
If Rating is  $\geq 5$  and  $\leq 7.9$ , then display rating in background color orange  
If Rating is below 4.9, then display rating in background color red

Refer the following screen for your reference

Choose file

movies.xlsx

Export To Excel

Id	Movie	Category	Director	Rating	Release Year	Language
1	Drishyam	Crime,Drama,Mystery	Nishikant Kamat	8.2	2015	Hindi
2	PK	Comedy,Drama,Sci-Fi	Rajkumar Hirani	4.8	2014	Hindi
3	RRR	Action,Drama	S. S. Rajamouli	7.9	2022	Telugu
4	Nayakan	Crime,Drama	Mani Ratnam	7.2	1987	Tamil
5	Sita Ramam	Action,Drama,Mystery	Hanu Raghavapudi	8.6	2022	Telugu
6	Vikram	Action,Crime,Thiller	Lokesh Kanagaraj	8.4	2022	Tamil

4. Export table data to another excel sheet when user clicks on **Export to Excel** button

You may use **xlsx** library from <https://www.npmjs.com/package/xlsx> or you can use any other library you wanted to use.