

Summary

Both SpreadJS and FlexSheet strive to provide an Excel-like spreadsheet experience. You get familiar features such as sheets, formulas, bound and unbound modes, specific cell types, and row and column headers, but SpreadJS provides a much deeper spreadsheet experience. Here are a few examples:

- SpreadJS can filter cell ranges while FlexSheet cannot.
- SpreadJS supports tables while FlexSheet cannot.
- They both can import Excel files, but SpreadJS will retain many more Excel settings than FlexSheet.
- SpreadJS supports conditional formatting while FlexSheet cannot.
- They both support data binding, but only SpreadJS supports binding at the cell level.

The primary reason why SpreadJS can provide a more full-featured experience is that it was developed with spreadsheet principles in mind. FlexSheet is simply an extension of FlexGrid, so it is a grid that tries to be a spreadsheet. This means you can use SpreadJS for anything, and even more than, you would use Excel to do including spreadsheets, dashboards, calculators, reports, and forms.

SpreadJS's entry price points are lower than FlexSheet. SpreadJS can be bought alone for \$699 while FlexSheet must be purchased with Wijmo Enterprise, which starts at \$895.

Top Five Reasons to Choose SpreadJS

Template Designer Application

SpreadJS comes with a designer application that looks and behaves like Excel. This enables you to design data views, forms, dashboards, and more in a familiar interface. When you are finished, the designer exports JSON that the SpreadJS component will render into the view you designed.

Formula Support

SpreadJS includes over 300 formulas, supports custom formulas, and can handle named references while FlexSheet only supports just over 50 formulas. SpreadJS also includes a formula text box that you can include in your app to give users the ability to edit their own.

More Complete Import/Export

While FlexSheet can only import/export XLS files, SpreadJS can import/export XLS, XLSX, JSON and more. SpreadJS retains many more Excel features (see the comparison table). Additionally, SpreadJS supports printing and print preview while FlexSheet does not.

More Spreadsheet Feature Support

SpreadJS supports all Excel cell formatting options, conditional formatting, range sorting and filtering, tables, Sparkline, and drag fill. FlexSheet supports none of that. SpreadJS even has a data slicer.

Flexible Data Binding

Since FlexSheet is essentially an ordinary grid, it can only bind data at the sheet level. SpreadJS can bind sheets, cells, and even ranges.

Base Spreadsheet Functionality

	SpreadJS	FlexSheet
Sheets	√	√
Formulas	Over 300	54
Sorting , Filtering, Grouping	Columns, ranges, tables	Only at the column level
Drag and Drop Cells	Can drag and drop ranges	√
Freeze Rows and Column	Can also freeze trailing rows and columns	√
Keyboard Shortcuts	Supports more shortcuts found in Excel	√
Touch Support	More complete	√
Undo/Redo	√	√
Protect Sheets	√	√
Import/Export File	XLSX, XSL, TXT, and more	XLSX only
Import/Export JSON	√	X
Sparklines	√	X
Conditional Formatting	√	X
Drag Fill	√	X
Find and Replace	√	X
Scroll Tip	√	X
Zoom	√	X
Sheet Reorder and Rename	√	X
Table	√	X
Floating Object (for images and charts)	√	X
Cell Comments	√	X
Print and Print Preview	√	X
Footer	√	X
Background Image	√	X

Cell Formatting

	SpreadJS	FlexSheet
Cut/Copy/Paste	X	√
Number Formatting	X	Partial support
Alignment	X	Vertical alignment not supported
Cell Merge	X	√
Font	X	√
Fill Color	X	√
Hyperlinks	X	√
Allow Cell Overflow	X	X
Indent	X	X
Wrap Text	X	X
Border Style	X	X
Text Decoration	X	X
Shrink to Fit	X	X
Button Cell Type	X	X
Checkbox Cell Type	X	X
Combobox Cell Type	X	X

Importing Excel Files

	SpreadJS	FlexSheet
Worksheets and Worksheet Names	✓	✓
Default Column Width	✓	✓
Frozen Panes	✓	✓
Data	✓	✓
Hidden Rows and Columns	✓	✓
Row Height and Column Width	✓	✓
Cell Fill	✓	✓
Formulas	✓	Only supported formulas
Cell Alignment	✓	Only supports horizontal alignment
Cell Fonts	✓	✓
Cell Validator	✓	✓
Locked Cells	✓	X
Cell Shrink to Fit	✓	X
Word Wrap	✓	X
Starting Row and Column	✓	X
Cell Value	✓	X
Spans	✓	X
Password Protected Sheets	✓	X
Named Styles	✓	X
Active Cell	✓	X
Custom Sheet Name	✓	X
Active and Start Sheet	✓	X
Selected Cells and Ranges	✓	X
Sparkline	✓	X
Zoom	✓	X
Theme	✓	X
Gridline	✓	X
Tab Color	✓	X
Protected Sheets	✓	X
Tables	✓	X
Conditional Formatting	✓	X
Cell Overflow	✓	X

Filter	✓	X
Row and Column Header	✓	X
Range Group	✓	X

Data

	SpreadJS	FlexSheet
Data Validation	✓	✓
Unbound Mode	✓	✓
Data Binding - Sheet	✓	✓
Data Binding - Cell	✓	X
Data Binding - Table	✓	X

Formula Support

	SpreadJS	FlexSheet
Formulas	Over 300	54
Cross-sheet References	✓	✓
Formula Text Box	✓	X
Named Cell References	✓	X
Array Formula	✓	X
Custom Function	✓	X
Auto-adjusting references (when cells change)	✓	X
Function Wildcards	✓	X
Structured Reference	✓	X

Formula comparison

	SpreadJS	FlexSheet
ABS	✓	✓
ACCRINT	✓	X
ACCRINTM	✓	X
ACOS	✓	✓
ACOSH	✓	X
ADDRESS	✓	X
AMORDEGRC	✓	X
AMORLINC	✓	X
AND	✓	✓
ASIN	✓	✓
ASINH	✓	X
ATAN	✓	✓
ATAN2	✓	✓
ATANH	✓	X
AVEDEV	✓	X
AVERAGE	✓	✓
AVERAGEA	✓	X
AVERAGEIF	✓	X
AVERAGEIFS	✓	X
BESSELI	✓	X
BESSELJ	✓	X
BESSELK	✓	X
BESSELY	✓	X
BETADIST	✓	X
BETAINV	✓	X
BIN2DEC	✓	X
BIN2HEX	✓	X
BIN2OCT	✓	X
BINOMDIST	✓	X
CEILING	✓	✓
CHAR	✓	✓
CHIDIST	✓	X
CHIINV	✓	X
CHITEST	✓	X
CHOOSE	✓	X
CLEAN	✓	X
CODE	✓	✓
COLUMN	✓	X
COLUMNS	✓	X
COMBIN	✓	X
COMPLEX	✓	X

CONCATENATE	✓	✓
CONFIDENCE	✓	X
CONVERT	✓	X
CORREL	✓	X
COS	✓	✓
COSH	✓	X
COUNT	✓	✓
COUNTA	✓	X
COUNTBLANK	✓	X
COUNTIF	✓	X
COUNTIFS	✓	X
COUPDAYS	✓	X
COUPDAYBS	✓	X
COUPDAYSNC	✓	X
COUPNCD	✓	X
COUPNUM	✓	X
COUPPCD	✓	X
COVAR	✓	X
CRITBINOM	✓	X
CUMIPMT	✓	X
CUMPRINC	✓	X
DATE	✓	X
DATEDIF	✓	X
DATEVALUE	✓	X
DAVERAGE	✓	X
DAY	✓	✓
DAYS360	✓	X
DB	✓	X
DCOUNT	✓	X
DCOUNTA	✓	X
DDB	✓	X
DEC2BIN	✓	X
DEC2HEX	✓	X
DEC2OCT	✓	X
DEGREES	✓	X
DELTA	✓	X
DEVSQ	✓	X
DGET	✓	X
DISC	✓	X
DMAV	✓	X
DMIN	✓	X
DOLLAR	✓	X
DOLLARDE	✓	X
DOLLARFR	✓	X
DPRODUCT	✓	X
DSTDEV	✓	X

DSTDEVP	√	X
DSUM	√	X
DURATION	√	X
DVAR	√	X
DVARP	√	X
EDATE	√	X
EFFECT	√	X
EOMONTH	√	X
ERF	√	X
ERFC	√	X
ERRORTYPE	√	X
EURO	√	X
EUROCONVERT	√	X
EVEN	√	X
EVACT	√	X
EVPI	√	√
EVPODIST	√	X
FACT	√	X
FACTDOUBLE	√	X
FALSE	√	√
FDIST	√	X
FIND	√	√
FINV	√	X
FINV	√	X
FISHERINV	√	X
FIVED	√	X
FLOOR	√	√
FORECAST	√	X
FREQUENCY	√	X
FTEST	√	X
FV	√	X
FVSCHEDULE	√	X
GAMMADIST	√	X
GAMMAINV	√	X
GAMMALN	√	X
GCD	√	X
GEOMEAN	√	X
GESTEP	√	X
GROWTH	√	X
HARMEAN	√	X
HEV2BIN	√	X
HEV2DEC	√	X
HEV2OCT	√	X
HLOOKUP	√	X
HOUR	√	X
HYPGEOMDIST	√	X

IF	✓	✓
IFERROR	✓	X
IMABS	✓	X
IMAGINARY	✓	X
IMARGUMENT	✓	X
IMCONJUGATE	✓	X
IMCOS	✓	X
IMDIV	✓	X
IMEVP	✓	X
IMLN	✓	X
IMLOG10	✓	X
IMLOG2	✓	X
IMPOWER	✓	X
IMPRODUCT	✓	X
IMREAL	✓	X
IMSIN	✓	X
IMSQRT	✓	X
IMSUB	✓	X
IMSUM	✓	X
INDEV	✓	X
INT	✓	X
INTERCEPT	✓	X
INTRATE	✓	X
IPMT	✓	X
IRR	✓	X
ISBLANK	✓	X
ISERR	✓	X
ISERROR	✓	X
ISEVEN	✓	X
ISLOGICAL	✓	X
ISNA	✓	X
ISNONTEVT	✓	X
ISNUMBER	✓	X
ISODD	✓	X
ISPMT	✓	X
ISREF	✓	X
ISTEVT	✓	X
KURT	✓	X
LARGE	✓	X
LCM	✓	X
LEFT	✓	✓
LEN	✓	✓
LINEST	✓	X
LN	✓	✓
LOG	✓	X
LOG10	✓	X

LOGEST	√	X
LOGINV	√	X
LOGNORMDIST	√	X
LOOKUP	√	X
LOWER	√	√
MATCH	√	X
MAV	√	√
MAVA	√	X
MDETERM	√	X
MDURATION	√	X
MEDIAN	√	X
MID	√	√
MIN	√	√
MINA	√	X
MINUTE	√	X
MINVERSE	√	X
MIRR	√	X
MMULT	√	X
MOD	√	X
MODE	√	X
MONTH	√	√
MROUND	√	X
MULTINOMIAL	√	X
N	√	X
NA	√	X
NEGBINOMDIST	√	X
NETWORKDAYS	√	X
NOMINAL	√	X
NORMDIST	√	X
NORMINV	√	X
NORMSDIST	√	X
NORMSINV	√	X
NOT	√	√
NOW	√	√
NPV	√	X
OCT2BIN	√	X
OCT2DEC	√	X
OCT2HEX	√	X
ODD	√	X
ODDFPRICE	√	X
ODDFYIELD	√	X
ODDLPRICE	√	X
ODDLYIELD	√	X
OFFSET	√	X
OR	√	√

PEARSON	✓	X
PERCENTILE	✓	X
PERCENTRANK	✓	X
PERMUT	✓	X
PI	✓	✓
PMT	✓	X
POISSON	✓	X
POWER	✓	✓
PPMT	✓	X
PRICE	✓	X
PRICEDISC	✓	X
PRICEMAT	✓	X
PROB	✓	X
PRODUCT	✓	X
PROPER	✓	✓
PV	✓	X
QUARTILE	✓	X
QUOTIENT	✓	X
RADIANS	✓	X
RAND	✓	✓
RANDBETWEEN	✓	X
RANK	✓	X
RATE	✓	X
RECEIVED	✓	X
REPLACE	✓	✓
REPT	✓	✓
RIGHT	✓	✓
ROMAN	✓	X
ROUND	✓	✓
ROUNDDOWN	✓	X
ROUNDUP	✓	X
ROW	✓	X
ROWS	✓	X
RSQ	✓	X
SEARCH	✓	✓
SECOND	✓	X
SERIESSUM	✓	X
SIGN	✓	X
SIN	✓	✓
SINH	✓	X
SKEW	✓	X
SLN	✓	X
SLOPE	✓	X
SMALL	✓	X
SQRT	✓	✓
SQRTPI	✓	X

STANDARDIZE	✓	X
STDEV	✓	✓
STDEVA	✓	X
STDEVP	✓	✓
STDEVPA	✓	X
STEYV	✓	X
SUBSTITUTE	✓	✓
SUBTOTAL	✓	X
SUM	✓	✓
SUMIF	✓	X
SUMIFS	✓	X
SUMPRODUCT	✓	X
SUMSQ	✓	X
SUMV2MY2	✓	X
SUMV2PY2	✓	X
SUMVMY2	✓	X
SYD	✓	X
T	✓	X
TAN	✓	✓
TANH	✓	X
TBILLEQ	✓	X
TBILLPRICE	✓	X
TBILLYIELD	✓	X
TDIST	✓	X
TEVT	✓	✓
TIME	✓	X
TIMEVALUE	✓	X
TINV	✓	X
TODAY	✓	X
TRANSPOSE	✓	X
TREND	✓	X
TRIM	✓	✓
TRIMMEAN	✓	X
TRUE	✓	✓
TRUNC	✓	X
TTEST	✓	X
TYPE	✓	X
UPPER	✓	✓
VALUE	✓	✓
VAR	✓	✓
VARA	✓	✓
VARP	✓	X
VARPA	✓	X
VDB	✓	X
VLOOKUP	✓	X
WEEKDAY	✓	X

WEEKNUM	√	X
WEIBULL	√	X
WORKDAY	√	X
√IRR	√	X
√NPV	√	X
YEAR	√	√
YEARFRAC	√	X
YIELD	√	X
YIELDDISC	√	X
YIELDMAT	√	X
ZTEST	√	X