



Title	Google SpreadSheets
Description	<p>The idea of this project is to manipulate Google spread sheets of your Google account.</p> <p>The required program should be implemented as a Google APP.</p> <p>The application should include the ability to create new spreadsheet, adding new worksheet in it, edit its title and size and edit or delete a worksheet. It should include also adding, updating and deleting rows or columns. Add, update or delete cells and retrieve data out of any cell.</p>
Group size	3 – 4 members.
Duration	4 weeks.
Deliverables	<p>1- A Google APP performing the specified task.</p> <p>2- A short (2 pages) user manual.</p>
Bonus extensions	<ul style="list-style-type: none"> - ability to format rows, columns or cells - ability to sort data of rows or columns
Mentor	TA. Dina Khattab
Notes	<p>You need to learn how to use Google API's, and one of the following programming languages (Java, Python, PHP ..)</p> <p>Use this link to learn how to get started</p> <p>https://developers.google.com/google-apps/spreadsheets/</p>