**Introduction**

This is a macro based excel worksheet designed to help users estimate the cost of a project. It automates the calculations like monthly cost, subtotal, and other related costs, making it easy to get an accurate estimate of the total project cost. It would show cost impact from previous year to current year based on the complexity we have used. The sheet is user-friendly and can be customized to meet the specific needs of your project. Simply enter the required data, and the sheet will do the rest. With this tool, you can save time and ensure that your project stays within budget.

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| --- | --- | --- | --- | --- |
| Critical/  Non-Critical,  Other | Main  State | Sub  State | Comment | Attachment |
| Project Work ELT Macros | | | | |
| Critical | 1.0 |  | Overview of excel sheet | This excel file consist of three excel sheets which are shown below in the table which are very much important for the project to run smoothly. |
|  |  | 1.1 | Master Sheet | It consists of macro enabled button i.e. validate for validating the data present in the sheet for users. |
|  |  | 1.2 | Data Sheet | It consists of 22 rows and n number of columns which can be used by users to generate the cost impact month wise as well as yearly too.    A screenshot of a computer  Description automatically generated |
|  |  | 1.3 | Complexity  Sheet | It consists of 3 rows and 26 columns which have the cost impact value of complexity used in project . |
|  |  |  |  |  |
| Critical | 2.0 |  | User Entry | User is going to give entries on data sheet in unprotected columns i.e. name, category, current complexity ,revised complexity ,effective date.  A screenshot of a computer  Description automatically generated |
|  |  | 2.1 | Current and revised complexity entry | \*User must put appropriate complexity in C and E column which is given in complexity sheet.    \*If complexity in C and E column is not given in complexity table, then it will show error message. |
|  |  | 2.2 | Effective Date | User must enter date between 1st of January of current year to last day of February of next year, if user fill any other date an error will appear. |
| Critical | 3.0 |  | Validation Process | Once all the user entry is done, we have to validate the data and show all the monthly and yearly costs according to the data.  For that user simply has to press validate button given on master sheet and all result will auto populate. |
| Non-Critical | 4.0 |  | Result | After validation is done the user will get desired result i.e. all the monthly costs total cost will get auto populated. |