**TABLE MAINTENANCE GENERATOR IN DATA DICTIONARY**

**TABLE MAINTENANCE GENERATOR:**  
Table Maintenance Generator is used to create the user interface to the database table to perform the insert, update and delete operations on the database table without any code.  
  
Steps to create the table:  
  
1. Execute SE11.  
2. Select the radio button " Database table ".  
3. Provide database table name ( Eg: ZSTU\_DETAILS ) and click on Create.

[Graphical user interface

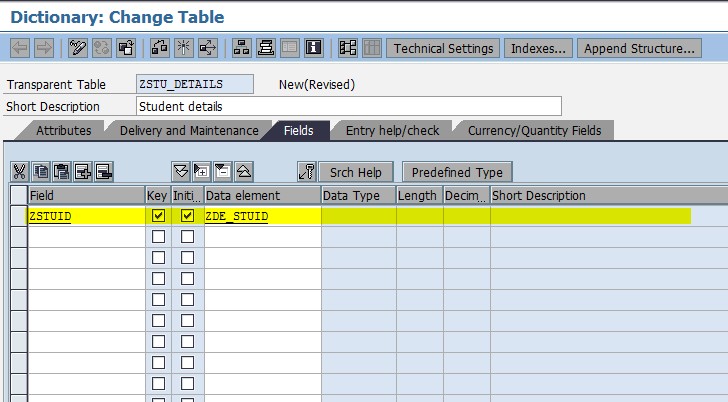
Description automatically generated](https://3.bp.blogspot.com/-yqRopefZ83U/V-zFt_YHUOI/AAAAAAAABtQ/_UTxJd0M-2MxGNBnSUBCTTlNT7sudbdewCLcB/s1600/TMG1.jpg)

4. Provide short description ( Eg: Student details ).  
5. Provide Delivery class ( Eg: A ) and Data browser ( Eg: Display / Maintenance Allowed ). 

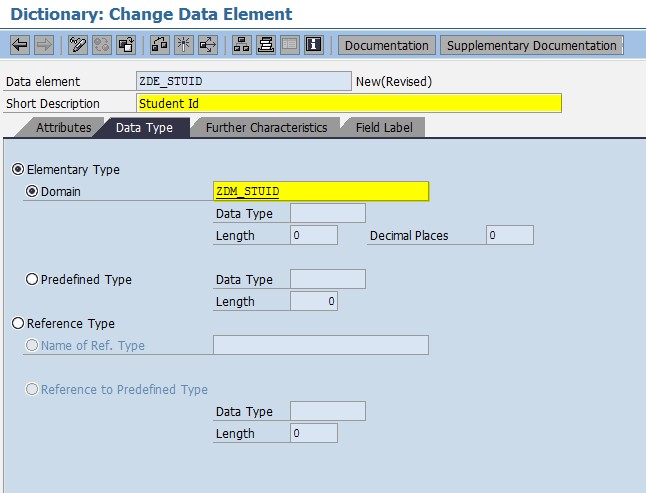
[Graphical user interface, text, application, email

Description automatically generated](https://1.bp.blogspot.com/-7CsttTIft0M/V-zG5eYF6XI/AAAAAAAABtY/ashPC5W5Pk08ZnN3Iws-fIm0TaaBS7TKgCLcB/s1600/TMG2.jpg)

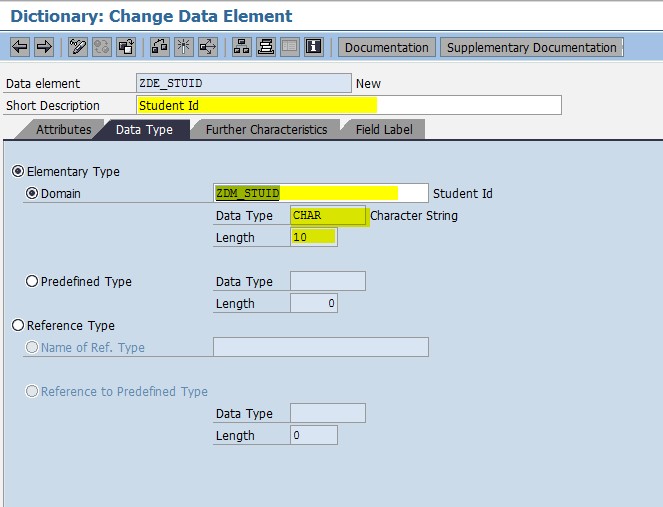
6. Click on Fields tab and provide the field name and data element as below.

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7. Double click on Data element. Click on Yes. Save. Enter. Click on Yes.  
8. Provide short description ( Eg: Student Id ).  
9. Provide Domain name ( Eg: ZDM\_STUID ).

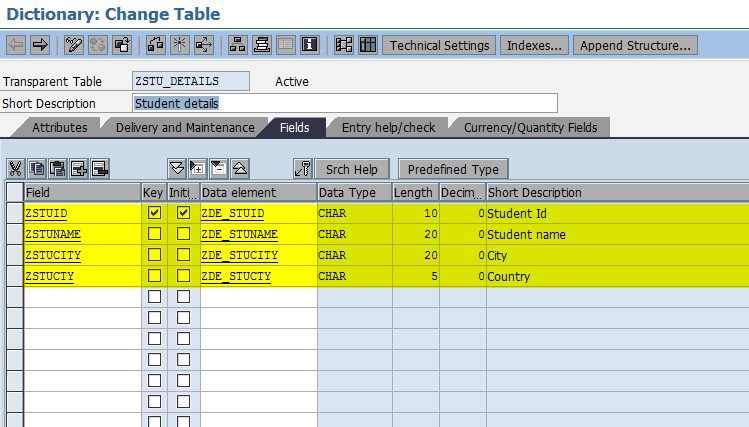
[](https://3.bp.blogspot.com/-lCZxu0aql9A/V-zJH06kqeI/AAAAAAAABts/ZQRTNrt8LjorDcokuySB7NvbhApSR37LACLcB/s1600/TMG4.jpg)

10. Double click on domain name. Click on Yes. Save. Click on Yes.  
11. Provide short description ( Eg: Student Id ), Data type ( Eg: Char ) and No. of Characters ( Eg: 10 ).

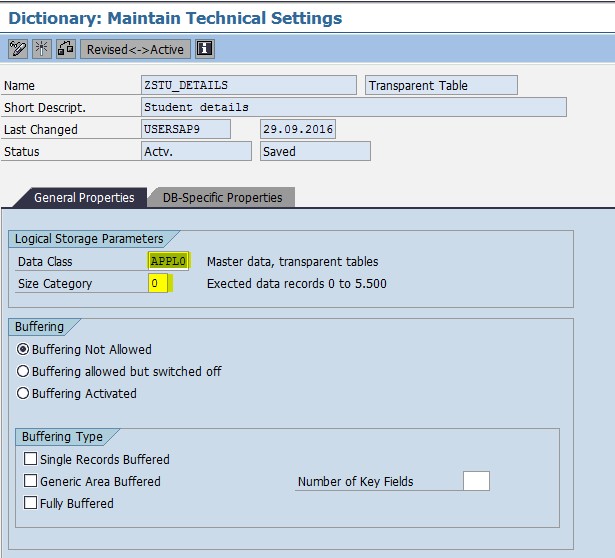
[](https://3.bp.blogspot.com/-8DwAzg1uWZA/V-zKCUAwgfI/AAAAAAAABt0/13-bfLG9vIwXI-1VKJXUD94W63AQZbCMgCLcB/s1600/TMG5.jpg)

12. Save, Check and Activate the domain. Click on back.  
13. Save, Check and Activate the data element. Click on back.

14. Similarly, provide the other fields in the table.

[](https://4.bp.blogspot.com/-jLdgNjZcRPo/V-zMb1iCKmI/AAAAAAAABuE/1h1woXA51kMAJ5ILe5W8Tv5okvMFtevngCLcB/s1600/TMG7.jpg)

15. Click on Technical settings in the application tool bar.  
16. Provide Data class ( Eg: APPL0 ) and provide Size category ( Eg: 0 ).

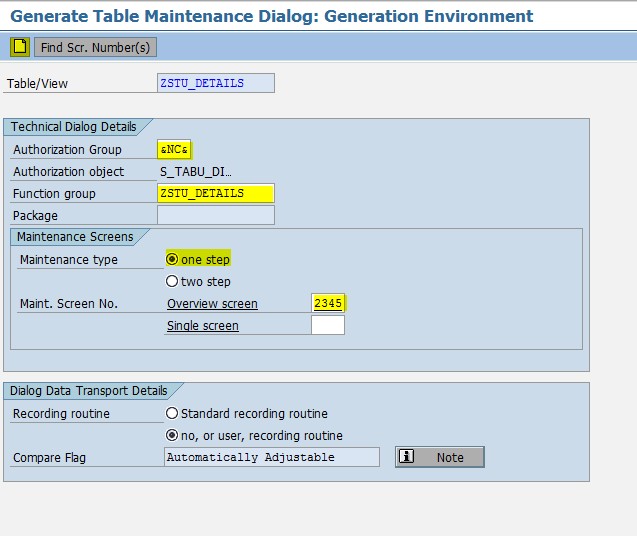
[](https://4.bp.blogspot.com/-WfEAUcMmyYM/V-zMNcp4XzI/AAAAAAAABuA/vJEjvwV3XNwAX5T4xm1wxkOnWtX5fta2wCLcB/s1600/TMG6.jpg)

17. Save, Click on back.  
18. Save, Check and Activate the table.  
  
Steps to create the Table Maintenance Generator:   
  
1. Execute SE11.   
2. Select the radio button " Database table ".  
3. Provide the table name for which we want to create the TMG and click on Change.

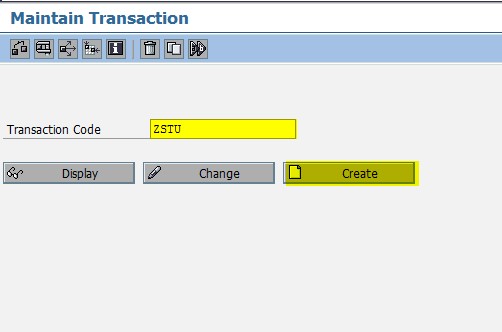
[Graphical user interface

Description automatically generated](https://2.bp.blogspot.com/-BRJ-ChiryLg/V-zNeNc6kAI/AAAAAAAABuM/Drm9ZvmO4n01GNjBn1ZvmoWCarKKEj5sQCLcB/s1600/TMG8.jpg)

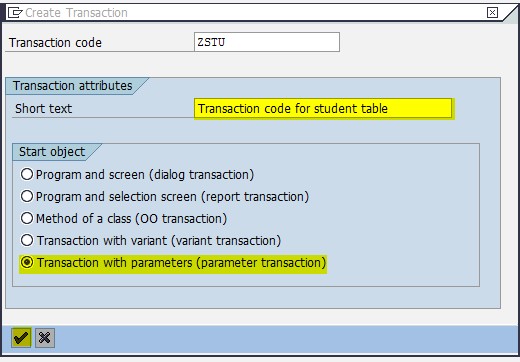
4. In the menu bar click on Utilities. Select Table Maintenance Generator.  
5. Select the authorization group ( Eg: &NC& )  
6. Provide the function group as table name ( Eg: ZSTU\_DETAILS ).  
7. Select the maintenance type ( Eg: One step ).  
8. Provide the screen no ( Eg: 2345 ).

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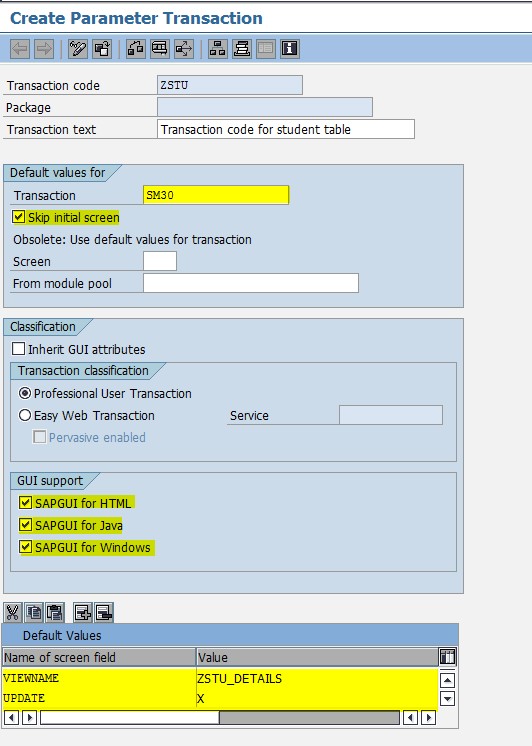
9. Click on Create in the application tool bar. Save.  
  
Steps to maintain the data in the table by using TMG:  
  
1. Execute SM30.  
2. Provide the table / View name  ( Eg: ZSTU\_DETAILS ).  
3. Click on maintain. Enter.  
  
Steps to create the Tcode for TMG (or) Table:  
  
1. Execute SE93.  
2. Provide the transaction code as table name ( Eg: ZSTU\_DETAILS ).  
3. Click on Create.

[](https://3.bp.blogspot.com/-ZALB2kfcjIU/V-zfdgyzn-I/AAAAAAAABu0/IFN7COLBmwAkrWLtf255kMUf-BS23YUXgCLcB/s1600/TMG10.jpg)

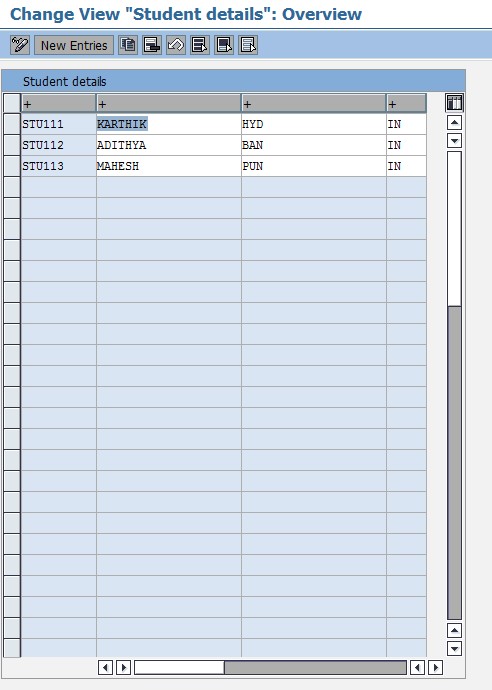
4. Provide short description ( Eg: Transaction code for student table ) and select the radio button Transaction with parameters. Enter.

[](https://2.bp.blogspot.com/-oROjqyStMzw/V-zgGSxmREI/AAAAAAAABu4/m6nn6JCBZgE6KqRxS1cRv8xVxzdWPPDOACLcB/s1600/TMG11.jpg)

5. Provide the transaction code SM30.  
6. Select the checkbox skip initial screen.  
7. Select all the SAP GUI Check boxes  
8. Provide the name of the screen field and value as below.

[](https://4.bp.blogspot.com/-5_qHsWPGtH4/V-zi4LfZ5YI/AAAAAAAABvI/dG3a9woYXmMxZyN1b3ULl0k_EJs34pMjACLcB/s1600/TMG12.jpg)

9. Click on save.  
10. Now execute the transaction code ( Eg: ZSTU ) to maintain the data in the table ( ZSTU\_DETAILS ).

[](https://1.bp.blogspot.com/-ddyvJ3cvA1M/V-zlEL1BXiI/AAAAAAAABvc/xzjl5928tpYXaIXpuqjMvX29BprJLKOqACLcB/s1600/TMG14.jpg)

11. Here, I added some records if you want you can perform insert, update and delete operations.  
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