

## DESIGN OF THE FILE SEPARATION STRUCTURE FOR EXCEL VBA PROGRAM

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### ABSTRACT

We use a lot of Excel programs in our daily work. Then, VBA program is used for data processing in Excel. Excel VBA program works in conjunction with Excel function. The fact that VBA program and Excel work together is a disadvantage. This paper designs a function to protect VBA programs used in Excel files. I separate the VBA module from the excel file. We want to protect important programs by isolating VBA modules. To protect the VBA module in the Excel file, separate the VBA module from the Excel file. By doing this, unauthorized users are prevented from accessing the VBA module itself. Only the user who is allowed access to the VBA module is designed to be able to use the VBA module with normal use. Experimental results show that the proposed method works well.

**Keywords:** Excel VBA, VBA Program File Separation, VBA Module, Excel.