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| **Task 12** | Create and test a formula to calculate Personality Type |

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| Qus Type | Type 1 | Type 2 | Question Count |
| A | Extraversion **(E)** | Introversion (I) | 6 |
| B | Sensing **(S)** | Intuition (N) | 12 |
| C | Thinking **(T)** | Feeling (F) | 12 |
| D | Judging **(J)** | Perceiving (P) | 12 |

All 42 questions are categorized in (A,B,C,D)

So Person can belong to either Type 1 or Type 2 for each category.

If Count of Type 1> Count of Type 2

Then

X= (Type1 Count –Type 2 Count) \*100 / Total questions for that Category

Type 1 with x% over Type 2

Else if Count of Type 1< Count of Type 2

X= (Type2 Count –Type 1 Count) \*100 / Total questions for that Category

Type 2 with x% over Type 1

Else

Type confusion

All answer for test taken by user are stored in Test\_User\_Ans.

Once all answers (42 question) submitted in Test\_User\_Ans, then need to do calculation as defined earlier.

Need to add following columns in TestDetails table

for category (A,B,C,D),

type indicator(E or I, S or N, T or F, J or P)

percentage(x) over other type

Confusion Indicator

PRIMARY KEY (testid, userid, category)