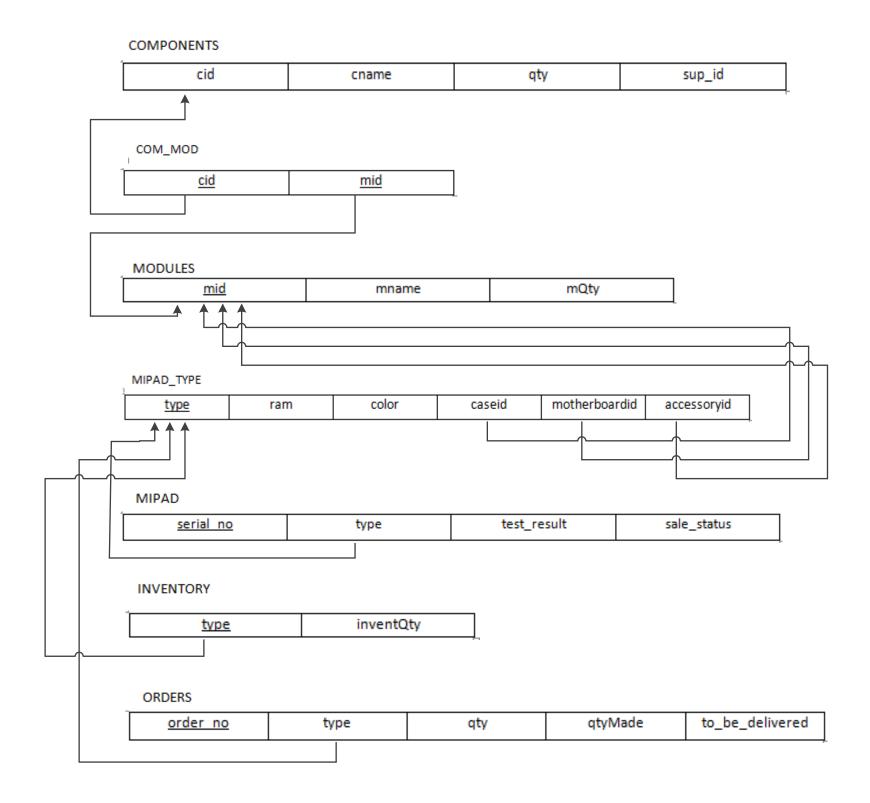
## Team B: Manufacture and Assembly



## Assumption:

We assume that we need five modules to assemble different types of Mipad and each module requires two components to manufacture.

| type | ram        | color | caseid                                                                                                                         | motherboardid                                                                                                                                                               | accessoryid                                                                                                                                                                                                                     |  |
|------|------------|-------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Α    | М          | В     | 1                                                                                                                              | 3                                                                                                                                                                           | 5                                                                                                                                                                                                                               |  |
| В    | М          | W     | 2                                                                                                                              | 3                                                                                                                                                                           | 5                                                                                                                                                                                                                               |  |
| С    | L          | В     | 1                                                                                                                              | 4                                                                                                                                                                           | 5                                                                                                                                                                                                                               |  |
| D    | L          | W     | 2                                                                                                                              | 4                                                                                                                                                                           | 5                                                                                                                                                                                                                               |  |
|      | type A B C | A M   | type         ram         color           A         M         B           B         M         W           C         L         B | type         ram         color         caseid           A         M         B         1           B         M         W         2           C         L         B         1 | type         ram         color         caseid         motherboardid           A         M         B         1         3           B         M         W         2         3           C         L         B         1         4 |  |

COM\_MOD

| cid    | mid |
|--------|-----|
| Type1  | 1   |
| Type2  | 1   |
| Type3  | 2   |
| Type4  | 2   |
| Type5  | 3   |
| Type6  | 3   |
| Type7  | 4   |
| Type8  | 4   |
| Type9  | 5   |
| Type10 | 5   |