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**Course**

Software Quality Eng

**Submitted To**

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**Assignment No.**

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# Summary of changes

|  |  |
| --- | --- |
| Number | Changes |
| 1 | Table of content |
| 2 | Word Document |
| 3 | Daily work |
| 4 | Neatness |

**Brick kiln Management**

# List down requirements in form of causes and effects

## Cause Effect of Stock Management.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cause |  | Effect |
| C1 | Kacha Stock <=70000 | E1 | Work Start on Making Bricks |
| C2 | Paka Stock <=1 lac | E2 | Work Stop |
| C3 | Kacha Stock>=10 lac |  |  |
| C4 | PakaStock >=20 lac |  |  |

## Cause Effect of Salary Management.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cause |  | Effect |
| C1 | Salary of Week<=15000 | E1 | No Bonus |
| C2 | Salary of Week>15000 | E2 | 2% Bonus |
| C3 | Expenses in Week of Kiln<=2 lac | E3 | 1% Extra Bonus |
| C4 | Expenses in Week of Kiln>2 lac | E4 | 2% Bonus + 1% Extra |

# Draw app possible cause effect graphs (can be more than 1 cause-effect graphs)

# 

# Draw decision table (Tables)

## Decision Table for Stock Management.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Action | T1 | T2 | T3 | T4 | T5 | T6 |
| C1 | 1 | 0 | 1 | 0 | 0 | 0 |
| C2 | 1 | 0 | 0 | 1 | 0 | 0 |
| C3 | 0 | 1 | 0 | 0 | 1 | 0 |
| C4 | 0 | 1 | 0 | 0 | 0 | 1 |
| E1 | 1 | 0 | 1 | 1 | 0 | 0 |
| E2 | 0 | 1 | 0 | 0 | 1 | 1 |

## Decision Table for Salary Management.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Action | T1 | T2 | T3 | T4 | T5 | T6 | T7 | T8 |
| C1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| C2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| C3 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| C4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| E1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| E2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| E3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| E4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

# Identify test cases