

| Author | |
|--------|------------------------------|
| PK | <u>ID</u> |
| | Name Affiliation Email |

| Technologies | |
|--------------|---|
| PK | <u>TechnologyID</u> |
| | Name Abbreviation Short Description Objectives Author SPEM Model Complements Alternatives Literature Background Qualification Training Experience Input_Artifact Output_Artifact SE Phase Applied_By_Role |

| Complement Technologies | |
|-------------------------|------------------------------|
| PK | <u>Technology</u> |
| PK | <u>Complement Technology</u> |
| | |

| Alternative Technologies | |
|--------------------------|-------------------------------|
| PK | <u>Technology</u> |
| PK | <u>Alternative Technology</u> |
| | |

| SEphase | |
|---------|-----------|
| PK | <u>ID</u> |
| | Name |

| Matrix | |
|--------|--------------------------|
| PK | <u>ID</u> |
| | Cell_ID Technology_ID |

| Matrix_Legend | |
|---------------|---------------------------------|
| PK | <u>CellID</u> |
| | AbstractionLevel Perspective |

| Role | |
|------|-----------|
| PK | <u>ID</u> |
| | Name |

| Input | |
|-------|-------------------------|
| PK | <u>ID</u> |
| | Cell_ID CellInput_ID |

| Output | |
|--------|--------------------------|
| PK | <u>ID</u> |
| | Cell_ID CellOutput_ID |

| Impacts | |
|---------|---|
| PK | <u>ID</u> |
| | Total_Cost Training_Costs Other_Cost ISO25010 Other_Standards Total_Schedule Process_Outcome Software_Object Description Reference |

| TCI | |
|-----|-------------------|
| PK | <u>Technology</u> |
| PK | <u>Context</u> |
| PK | <u>Impact</u> |
| | |

| Contexts | |
|----------|---|
| PK | <u>ID</u> |
| | Industrial Sector Project Size Project Kind TypeOfProject IT environment Development environment Development Process Paradigm Interdependency |

| ISO25010 | |
|----------|-------------------|
| PK | <u>ID</u> |
| | QA_Characteristic |

| IndustrialSector | |
|------------------|-----------------------|
| PK | <u>ID</u> |
| | Name Specification |